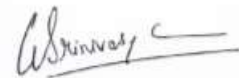


## Thesis Certificate

This is to certify that the thesis titled **AN EXPLORATION ON FINANCIAL PORTFOLIO MANAGEMENT WITH NEURAL DEEP LEARNING** submitted to the International Institute of Information Technology, Bengaluru, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Aadhithya Ramesh, IMT2015001**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Prof. Gopalakrishnan Srinivasaraghavan

Bangalore,

The 29<sup>th</sup> of June, 2020.

## Thesis Certificate

This is to certify that the thesis titled **Poetry from Image Descriptions using a Generative Transformer** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Abhiramon R., (IMT2015002)**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Dinesh Babu Jayagopi

Bengaluru,

The 23<sup>rd</sup> of June, 2020.

From: **Giju George (gigeorge)** <gigeorge@cisco.com>  
To: **iiitblibrary@iiitb.org** <iiitblibrary@iiitb.org>  
CC: **iiitb\_placement@iiitb.org** <iiitb\_placement@iiitb.org>; **Aditya Ankush (aankush)** <aankush@cisco.com>  
Subject: Successful Completion of internship from 01/20 to 05/20 - IMT2015003 - Aditya Ankush  
Date: 11.06.2020 10:26:32 (+0000)

Hi

I approve the internship report from Aditya.  
Since I am unable to physically sign the report, kindly accept this email as my approval.

Regards  
Giju George  
Cisco Systems  
Bangalore  
Ph: 98802 47652

## CERTIFICATE

This is to certify that the internship report titled, **CPA AUTOMATION & SMART ROUTERS** submitted by **Aditya Ankush (IMT2015003)** is a bonafide work carried out under my/our supervision at **CISCO** from - to **(16/01/2020 – 26/06/2020)**, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.  
His performance & conduct during the internship was satisfactory.

Giju George  
MANAGER.MGMT-ENGINEERING  
Cisco India Pvt Ltd,  
Cessna Business Park,  
Kadubeesanahalli Village,  
Marathahalli,  
Bengaluru – 560103,  
Karnataka, India

**Date : 11/Jun/2020**


**Place : Bangalore**

## CERTIFICATE – ZAUBA TECHNOLOGIES PVT LTD

This is to certify that the internship report titled, 'Application Performance Monitoring' submitted by Akshay Pant (IMT2015005) is a bonafide work carried out under my/our supervision at 'Zauba Technologies Pvt Ltd' from January 1, 2020 to February 28, 2020 (2 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

For ZAUBA TECHNOLOGIES PVT LTD

  
Director

(Signature of the supervisor)

Mansoor Ahmed, Director,  
Zauba Technologies Pvt Ltd,  
WeWork Galaxy,  
43, Residency Road,  
Bengaluru: 560025,  
Karnataka, India.

**ZAUBA TECHNOLOGIES PVT LTD**  
NO 43, RESIDENCY ROAD  
BANGALORE - 560025

E-mail: [info@zauba.company](mailto:info@zauba.company)  
Website: <https://zauba.company>

Date: Feb 28, 2020

Place: Bengaluru

**Successful completion of internship from 13-Jan-2020 to 26-June-2020 – IMT2015006 – Alavala Deepika**

Singh, Avinash <avsinghp@amazon.com>

Mon 22/06/2020 21:20

To: IIITB Library <iiitblibrary@iiitb.org>

Cc: IMT2015006 Alavala Deepika <Deepika.Alavala@iiitb.org>; IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>

This is to certify that the internship report titled, **'AUTHORIZATION LIBRARY ADHERING TO STORAGE POLICIES'** submitted by **'Alavala Deepika(IMT2015006)'** is a bonafide work carried out under my supervision at **'Amazon Development Center India Pvt Ltd'** from January 13<sup>th</sup>, 2020 to June 26<sup>th</sup>, 2020 (6 months), in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

Avinash Singh,  
**Software Development Manager | Affiliate Marketing,**  
Amazon Development Center India Pvt Ltd,  
Aquila Building, Ferns City, Doddanekkundi,  
Bengaluru.

Date: 22<sup>nd</sup> June, 2020

Place: Bengaluru

## CERTIFICATE

This is to certify that the internship report titled, '**maps intelligence insights platform**' submitted by '**Anagha Vishnuvajjala**' (IMT2015007) is a bonafide work carried out under my/our supervision at 'Uber' from 06/01/2020- to 19/06/2020 (24 weeks), in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

*Lakshmi narasimhan*

Lakshmi Narasimhan,  
Uber India Research and  
Development Pvt Ltd, No  
31/1 Chikkannahelli Village,  
Bangalore East Taluk, RGA  
Tech Park IND Bangalore

Date: 18-06-2020

Place: Bengaluru

## CERTIFICATE

This is to certify that the Internship report titled “**Encoder-Decoder-CTC architecture for studying orthographic to phonemic correspondence**” submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the Internship report done by **Angshuman Das, IMT2015008**, under my supervision at MINRO LAB IIITB from 1 Jan 2020 to 30 June 2020. The contents of this Internship report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

His/Her performance & conduct during the internship was satisfactory.



(V. Ramasubramanian)  
PI, Multi-lingual speech technology  
MINRO, Professor, IIIT-B

V. Ramasubramanian

Bangalore,  
30<sup>th</sup> of June 2020



Date: 24/6/2020

FKIN/2020/138945

### Internship Letter

This is to certify that **Ankit Gahlawat** has completed his internship in our organization from **13/1/2020** to **24/6/2020** as part of **Seller Growth**, under the mentorship of **Prabhu Dayal Sahoo**.

**Project Title:** Monitoring and Driving Seller Growth.

**Ankit Gahlawat's** conduct and performance met all the expectations of the organization and we are pleased to have worked with him. We wish Ankit success in all his future endeavors.

Sincere Regards

For Flipkart Internet Private Limited

A handwritten signature in black ink that reads "Sameera Banu Chowdry".

**Sameera Banu Chowdry**  
**Senior Manager - People Operations**

Note :This letter is generated electronically based on the data available as on 24/6/2020 and does not require a physical signature and official seal.



## CERTIFICATE

This is to certify that the internship report titled, '**Insights into IOS-XR**' submitted by '**Atharva Anant Deshpande**' (IMT2015011) is a bonafide work carried out under my/our supervision at '**Cisco Systems(India) Pvt Ltd**' from 16/01/2020- 26/06/2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Venkata Rohan Dorbala  
Software Mgr at Cisco  
Address.  
Cisco systems India limited.  
Cessna Business Park  
Kadubeesanahalli-560102

Date: 23/6/2020

Place: Bengaluru

# CERTIFICATE

6/27/2020

Mail - IMT2015012 Balanagu Sreeraman - Outlook

**Successful completion of internship from January 6,2020 to June 30,2020 -  
IMT2015012 - Balanagu Sreeraman**

Gunjan Srivastava <gunjan.srivastava@loylty.com>

Sat 6/27/2020 3:38 PM

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015012 Balanagu Sreeraman <Balanagu.Sreeraman@iiitb.org>

## CERTIFICATE

This is to certify that the internship report titled "**Redemption Propensity Model**" submitted by Balanagu Sreeraman, IMT2015012 is a bonafide work carried out under my supervision at Loylty Rewardz Management Private Limited from January 6,2020 to June 30,2020, in partial fulfillment of the Masters of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Gunjan Srivastava

AVP-Data Science  
Loylty Rewardz Mgmt Pvt Ltd.

Date: 27-06-2020

Place: Mumbai

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# CERTIFICATE

25/06/20, 6:15 PM

## FW: Successful completion of internship from 6'Jan 2020 to 19'June 2020 - IMT2015013 - Ch Ram Kashyap

Roshni Dsouza <roshni.dsouza@iiitb.ac.in>

Wed 6/24/2020 2:22 PM

To: IMT2015013 Cherukumilli Ram Kashyap <Ram.Kashyap@iiitb.org>

Cc: iiitb Placement <iiitb.placement.2019@gmail.com>

FYI

Warm Regards,  
Roshni DSouza

Senior Outreach Officer

International Institute of Information Technology Bangalore

No. 26/C, Electronic City, Hosur Road

Bangalore - 560100

Tel : +91-80-4140-7777, +91-9986668421

Institute Website: [IIIT-B](http://iiitb.ac.in)

*The opinions (if any) expressed in this mail are strictly that of the sender and not necessarily those of IIITB. Internet communication is unsafe; hence the sender and the organisation hold no liability in case the mail is being modified during the transmission.*

---

**From:** Manoj Mudakavi [mailto:manoj.mudakavi@ni.com]

**Sent:** Friday, June 19, 2020 11:42 AM

**To:** iiitblibrary@iiitb.org

**Cc:** IIITB Placement

**Subject:** Successful completion of internship from 6'Jan 2020 to 19'June 2020 - IMT2015013 - Ch Ram Kashyap

This is to certify that the internship report titled, '**System Provisioning For Automated Testing OF RFmx Products**' submitted by Ch Ram Kashyap ,IMT2015013. is a bonafide work carried out under my supervision at my supervision at 'NI Systems India Private. Ltd' from 6'Jan 2020 to 19'June 2020, In partial fulfilment of the Master of Technology course at International Institute of Information Technology, Bangalore  
His performance & conduct during the internship was satisfactory.

**Name and Designation of the supervisor:** Manoj Mudakavi, Senior Group Manager

**Company Address:** NI Systems India Pvt Ltd, Plot No. 12, Subramanya Arcade, Bannerghatta Main Road, BTM Layout, Bangalore-560029

**Date:** 19 June 2020

**Place:** Bangalore

-----  
Thanks & Regards,  
Manoj M M

**Successful completion of internship from 13-Jan-2020 to 26-June-2020 -  
IMT2015014 -G Sravya**

Gupta, Sachin <sachgup@amazon.com>

Fri 6/12/2020 11:23 AM

To: IIITB Library <iitblibrary@iiitb.org>

Cc: Gupta, Sachin <sachgup@amazon.com>; IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015014 G.Sravya <G.Sravya@iiitb.org>

IIIT Bangalore Office,

This is to certify that the internship report titled, '**ENHANCEMENTS IN THE CATALOG OPERATIONS TOOL**' submitted by '**G Sravya (IMT2015014)**' is a bonafide work carried out under my supervision at **Amazon Development India Pvt Ltd** from January 13th, 2020 to June 26th, 2020 (6 months), in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore

Her performance & conduct during the internship was satisfactory.

Sachin Gupta,

**Software Development Manager | Music X-Ray & Business Scaling**

Amazon Development Centre India,

Aquila Building, Ferns City, Doddanekkundi,

Bengaluru

Date : 12<sup>th</sup> June, 2020.

Place : Bangalore

Best Regards,

**Sachin Gupta | Software Development Manager | Music X-Ray & Business Scaling**

**amazon music**

**Successful completion of internship from January 20th to July 3rd - Roll No:  
IMT2015015**

Ahmad, Humza Zulfiqar <humzaa@amazon.com>

Thu 18/06/2020 16:01

To: IIITB Library <iiitblibrary@iiitb.org>

Cc: IMT2015015 Ghantasala Oormila <Oormila.Ghantasala@iiitb.org>; Arimbra, Sreehari <sreeari@amazon.com>; maddipatla, anil <animaddi@amazon.com>

IIIT Bangalore Office,

This is to certify that the internship report titled, 'MIGRATING EXISTING SERVICES TO SERVERLESS ARCHITECTURE' submitted by 'Oormila Ghantasala' (IMT2015015) has been carried out under my/our supervision at 'Amazon India' from January 20th - to July 3rd (6 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

Yours sincerely,  
Humza Zulfiqar Ahmad,  
Software Development Engineer II,  
Amazon Development Centre India,  
Aquila Building, Ferns City, Doddanekkundi,  
Bengaluru, Karnataka 560048

Date: 18 June 2020

Place: Bengaluru

## **CERTIFICATE**

This is to certify that the internship report titled, '**QUALITY CHECKS ON RTL DESIGN OF FPGA BOARD**' submitted by '**Dharmik Gogineni**' (IMT2015016) is a bonafide work carried out under my/our supervision at 'Intel India Pvt Ltd' from January 2020 to June 2020(6 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore. His performance & conduct during the internship was satisfactory.



Hemang Vinubhai Mistry,  
Intel India Pvt Ltd,  
Adarsh Palm Retreat,  
Bellandur, Bengaluru,  
Karnataka-560103

Date:  
Place: Bengaluru

## CERTIFICATE

**Re: Successful completion of internship from  
27/01/2020 - 27/07/2020 – IMT2015017–  
Himank Kansal**



Sethi, Harmik Singh  
IIITB Library, +5

12 Jun



IMT2015017\_Himank\_Kansal.pdf  
PDF - 379 KB

Hi,

This is to certify that the internship report titled, 'HYSA Outflow Analysis' submitted by 'Himank Kansal' (IMT2015017) is a bonafide work carried out under my supervision at 'Citigroup' from 27 January 2020- to 27 July 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Regards,  
Harmik

## CERTIFICATE

**From:** MG, Rajiv [<mailto:Rajiv.MG@morganstanley.com>]  
**Sent:** Thursday, June 18, 2020 11:40 AM  
**To:** IIITB Placement; Roshni Dsouza; [iiitblibrary@iiitb.org](mailto:iiitblibrary@iiitb.org)  
**Cc:** Alluri, Raju V  
**Subject:** Internship extension - Shreyas Iyer

To,  
Roshni D' Souza  
Senior Outreach Officer  
International Institute of Information Technology Bangalore.

Sub: Shreyas Iyer – Internship @ Morgan Stanley

Dear Ms. Roshni,

This is to confirm that Shreyas Iyer is currently interning with Morgan Stanley from 20<sup>th</sup> January 2020 to June 26<sup>th</sup> 2020.

Regards

Rajiv MG

**Morgan Stanley | Human Resources**

7<sup>th</sup> Floor, Campus 6A, RMZ Ecoworld, Sarjapur | Marathahalli Outer Ring Rd, Devarabisana Halli, Bengaluru East Taluk

Bangalore, 560103

Phone Number – 080 – 61047561

[Rajiv.MG@morganstanley.com](mailto:Rajiv.MG@morganstanley.com)

Visit us on [LinkedIn](#) • [Instagram](#) • [YouTube](#) • [Morgan Stanley Careers](#)



# CERTIFICATE

28/06/2020

Mail - IMT2015019 Juhi Singh - Outlook

## Certificate

KEERTHI KIRAN J <keerthi.k@samsung.com>

Wed 6/24/2020 11:05 PM

To: KEERTHI KIRAN J <keerthi.k@samsung.com>; IIITB Library <iiitblibrary@iiitb.org>; rama@iiitb.ac.in <rama@iiitb.ac.in>

Cc: IMT2015019 Juhi Singh <Juhi.Singh@iiitb.org>; Aman Mahajan <aman.m2@samsung.com>; IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>

1 attachments (91 KB)

CERTIFICATE.pdf;

Dear Juhi,  
Please find the attached certificate with digital signature.

Please find the certificate attached in PDF format as well as in the mail.

## CERTIFICATE

This is to certify that the internship report titled, '**Minimised Vertex Cover Application in Memory Repair Algorithm(MVCA)**' submitted by '**Juhi Singh**' (IMT2015019) is a bonafide work carried out under my supervision at 'Samsung Semiconductor India R&D Center' 6th January 2020 - 30th June 2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

Keerthi Kiran J

Associate Director, device driver India

Samsung Semiconductor India R&D Cente

<https://outlook.office.com/mail/inbox/id/AAQkAGE0M2ZnNmYxLWE1ZWEiNDExOC1hNmZmLTQwZDU2YTRiYjEwNQAJqWkfrhtOpEmsEKVO9bzM...> 1/2

Date: 24-06-2020

Place: Bengaluru

**Internship from 6th January 2020 to 19th June 2020 -  
IMT2015020 - Kashish Jain**

yatin.s@flock.com <yatin.s@flock.com>

Tue 16-06-2020 12:04

To: IIITB Library <iiitblibrary@iiitb.org>

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015020 Kashish Jain  
<Kashish.Jain@iiitb.org>

Sir/Ma'am,

**CERTIFICATE**

This is to certify that the internship report titled, '**Internship at Flock**' submitted by '**Kashish Jain**' (**IMT2015020**) is a bonafide work carried out under my supervision at **Flock** from **6<sup>th</sup> January, 2020** to **19<sup>th</sup> June 2020**, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Yatin Sarbalia  
Technical Lead, Platform Engineering  
Flock

Date: 16th June 2020

Place: Bangalore



**Date: 12-June-2020**

**TO WHOMSOEVER IT MAY CONCERN**

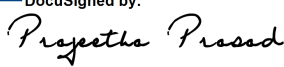
This is to certify that the internship report titled, '**Teradata integration with ThoughtSpot**' submitted by **Kedar Milind Kulkarni** (IMT2015021) is a bonafide work carried out under our supervision at 'ThoughtSpot' from **06-Jan-2020** to **12-June-2020** in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His Internship information as per our records is:

**ID#** : 892  
**Designation** : Engineering Intern  
**Department** : 400 Engineering

His performance & conduct during the internship was satisfactory

**For ThoughtSpot India Pvt Ltd,**

DocuSigned by:  
  
4609E2F53E7B4F8...

**Prajeetha Prasad**  
**APAC Director of People Operations**

**ThoughtSpot India Private Limited**  
3rd Floor, Indique Orion, 24th Main Rd, Garden Layout, Sector 2,  
HSR Layout, Bangalore, Karnataka 560102, India

## CERTIFICATE

This is to certify that the internship report titled, “**Visualization of Energy and Comfort Parameters**” submitted by ‘**Kushagra Khare**’ (Roll. No.: **IMT2015022**) is a bonafide work carried out under my supervision at ‘**Siemens Technology and Services Pvt. Ltd.**’ from 6<sup>th</sup> January 2020 to 30<sup>th</sup> June 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

 Digitally signed by Varsha  
DN: cn=Varsha, c=IN,  
email=varsha.raveendran@siemens.com  
Reason: Kushagra's certificate of  
completion  
2020.06.16 08:07:13 +05'30'

Varsha Raveendran  
Technical Expert

(Signature of Supervisor: Email, Name, Designation, Company etc.)

(Company Address)  
105, Hosur Road  
Bengaluru 560100, India

6/23/2020

Mail - IMT2015023 Madu Venkata Srinivas Charan - Outlook

**Successful completion of internship from 01/01/2020 to 20/06/2020 - IMT2015023 - Madu Venkata Srinivas Charan**

Ramesh Sundararaman <ramesh.sundararaman@iiitb.ac.in>

Tue 6/23/2020 1:33 PM

To: iitblibrary <iitblibrary@gmail.com>

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015023 Madu Venkata Srinivas Charan <MVS.Charan@iiitb.org>

### CERTIFICATE

This is to certify that the internship report titled "**Raydius – A Platform to discover and share the happenings of a neighborhood**" submitted by Madu Venkata Srinivas Charan, IMT2015023 is a bonafide work carried out under my supervision at IIITB Innovation Centre from 01/01/2020 to 20/06/2020, in partial fulfillment of the Masters of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Prof. Ramesh Sundararaman,  
CEO of IIITB Innovation Centre,  
IIITB Innovation Centre, 26/C,  
Electronic City Phase 1,  
Bangalore,  
Karnataka,  
560100.

Date: 21-06-2020

Place: Bangalore

## Thesis Certificate

This is to certify that the thesis titled **Orthography to phonetic correspondence: A study using DNN/LSTM-CTC frameworks** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Mahith Bhima, IMT2015024**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Prof. V Ramsubramanian

Bangalore,

The 26<sup>th</sup> of June, 2020.

## Successful completion of internship from 06-Jan-2020 to 19-June-2020 - IMT2015025 -M Pranith Reddy

saba.asad@samsung.com <saba.asad@samsung.com>

Mon 29-06-2020 10:59

To: IIITB Library <iitblibrary@iiitb.org>

Cc: IMT2015025 Makala Pranith Reddy <Pranith.Reddy@iiitb.org>; IIITB\_Placement <IIITB\_Placement@iiitbac.in>

Dear All,

This is to certify that the internship report titled, '**Deep Learning Model Optimization Frameworks For Mobile devices**' submitted by '**Pranith Reddy**' (IMT2015025) is a bonafide work carried out under my/our supervision at 'Samsung Semiconductor India R&D' from January 6th 2020 to June 19th 2020 (6 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore. His performance & conduct during the internship was satisfactory.

Saba Asad  
Deputy Manager,  
Samsung Semiconductor India R&D,  
Bagmane Goldstone, Mahadevpura  
Bengaluru

Date: 29 June, 2020.

Place: Bengaluru

Regards,  
Saba Asad

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## CERTIFICATE

This is to certify that the internship report titled, **‘PEOPLE DETECTION AND COUNTING USING VIDEO ANALYTICS’** submitted by **‘Mamilla Karthikeya Reddy’ (IMT2015026)** is a bonafide work carried out under my supervision at **‘Siemens Technology and Services Private Limited, Bangalore’** from December 16<sup>th</sup> 2019 to June 12<sup>th</sup> 2020(6 months) in partial fulfillment of the **Master of Technology** course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

(Signature of the supervisor)

Name of the Supervisor: Chethan Ravi B R

Address.: STSPL, Electronic City,

Phase 1, Bangalore 560100

Date: 26-06-2020

Place: Bengaluru



## Successful completion of internship from 01/01/2020 to 20/06/2020 - IMT2015028 - Mohd Shabaz

Ramesh Sundararaman <ramesh.sundararaman@iiitb.ac.in>

Tue 23/06/2020 13:32

To: iitblibrary <iitblibrary@gmail.com>

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015028 Mohd Shabaz <Mohd.Shabaz@iiitb.org>

### CERTIFICATE

This is to certify that the internship report titled "**Raydius – A Platform to discover and share the happenings of a neighborhood**" submitted by Mohd Shabaz, IMT2015028 is a bonafide work carried out under my supervision at IIITB Innovation Centre from 01/01/2020 to 20/06/2020, in partial fulfillment of the Masters of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Prof. Ramesh Sundararaman,  
CEO of IIITB Innovation Centre,  
IIITB Innovation Centre, 26/C,  
Electronic City Phase 1,  
Bangalore,  
Karnataka,  
560100.

Date: 21-06-2020

Place: Bangalore

Regards

Ramesh

----

Ramesh Sundararaman

[IMACX by IIIT Bangalore](#)

[Ramesh.Sundararaman@iiitb.ac.in](mailto:Ramesh.Sundararaman@iiitb.ac.in)

<https://www.imacx.org>, Ph: +91.80.4140.7777

*The opinions (if any) expressed in this mail are strictly that of the sender and not necessarily those of IIITB | IMACX. Internet communication is unsafe; hence the sender and the organisation hold no liability in case the mail is being modified during the transmission.*

# CERTIFICATE

---

## Naman's Internship Validation

1 message

**Aadithya Hatwar** <aadithya.hatwar@olacabs.com>  
To: IIITB Library <iiitblibrary@iiitb.org>  
Cc: IMT2015029 Naman Dosi <Naman.Dosi@iiitb.org>

Sat, Jun 27, 2020 at 2:04 PM

Respected Professors,

This is to certify that the internship report titled, '**Selfie and Video Adjudication on Ola Platform**' submitted by '**Naman Dosi**' (IMT2015029) is a bonafide work carried out under my/our supervision at 'Ola (ANI Technologies Pvt. Ltd.)' 16/12/2019 – 15/06/2020, in partial fulfillment of the Master of Technology of International Institute of Information Technology, Bangalore. His performance & conduct during the internship was exemplary.

Aadithya Hatwar Hosabettu,

Lead - Data Science & Allocation Product ,

OLA (ANI Technologies Pvt. Ltd.)

\*\*\*

This communication is confidential, may be privileged and is meant only for the intended recipient and purpose. No part of this email or any files transmitted with it can be shared, copied, forwarded or published online or offline, without prior written consent of the sender. If you are not the intended recipient, please preserve the confidentiality, delete the e-mail and attachments, if any from your system and inform the sender immediately.

\*\*\*



This is to certify that the internship report titled, **Ledger Based Shared Loyalty Platform as a Service** submitted by **Nihal Kudligi (IMT2015030)** is a bonafide work carried out under my supervision at **CYBINT** starting from **1-1-2020** and finishing on **1-7-2020** (6 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was good.

A handwritten signature in blue ink that reads "Sudhir Jha".

Sudhir Jha  
Founder and CEO,  
Cybint Private Limited

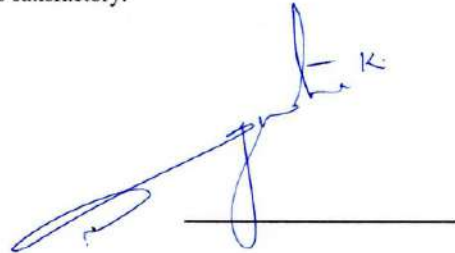
Date: 10-6-2020

Place: Bengaluru

## CERTIFICATE

This is to certify that the internship report titled, '**CREATING DASHBOARDS USING ELK STACK FOR VISUALIZATION OF DATA**' submitted by '**Shiloni Pipalia (IMT2015031)**' is a bonafide work carried out under my/our supervision at '**CISCO**' from January 2020 to June 2020 (6 months), in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.



Nagendra Kunuturi  
Director of Software Engineering,  
Cisco India Pvt Ltd,  
Cessna Business Park,  
Kadubeesanahalli Village,  
Marathahalli,  
Bengaluru – 560103,  
Karnataka, India

Date: 10<sup>th</sup> June, 2020  
Place: Bengaluru

6/21/2020

Mail - IIITB Library - Outlook

**Successful completion of internship from 16/12/2019 - 12/06/2020 – IMT2015032 – Potluri Sai Rakshith**

Pathrudkar, Sagar <sagar.pathrudkar@siemens.com>

Fri 6/12/2020 9:47 AM

To: IIITB Library <iiitblibrary@iiitb.org>

Cc: IMT2015032 Potluri Sai Rakshith <Sai.Rakshith@iiitb.org>; IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>

Dear Sir/Madam,

This is to certify that the internship report titled, 'GENERATION OF REALISTIC VEHICLE TRAJECTORIES FROM VIDEO STREAMS' submitted by 'Potluri Sai Rakshith' (IMT2015032) is a bonafide work carried out under my/our supervision at 'Siemens Corporate Technology' from 16th December 2019 to 12th June 2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Name: Sagar Pathrudkar

Designation: Research Engineer

Address: C503, Shriram Signiaa, Neeladri Road, Bangalore 560100

Date: 12th June 2020

Place: Bengaluru

Best regards,

Sagar Pathrudkar

# CERTIFICATE

6/23/2020

Mail - IMT2015034 Rachit Jain - Outlook


## **FW: Internship Report to be submitted in college.**

Anish Singh <sanish@qti.qualcomm.com>

Tue 6/23/2020 1:13 AM

To: IMT2015034 Rachit Jain <Rachit.Jain@iiitb.org>

Cc: rama@iiitb.ac.in <rama@iiitb.ac.in>; IIITB Library <iiitblibrary@iiitb.org>; Roshni Dsouza <roshni.dsouza@iiitb.ac.in>

 1 attachments (807 KB)

InternshipReport.docx;

This is to certify that the internship report titled 'Enabling persistence storage port using SQLite and File based database' submitted by 'Rachit Jain' (Roll No. IMT2015034) is a

bonafide work carried out under our supervision at 'Qualcomm India' from 13th Jan 2020 to 12th June 2020(5 months), in partial fulfillment of the Master of Technology Course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Date:- 23<sup>rd</sup> June 2020

Place:- Bangalore

Anish Singh  
Engineer, Staff/Manager  
Qualcomm India Pvt. Ltd.  
Bagmane Constellation Bus. Park Cir.  
Doddanekudi Village Circle  
Marathalli Outer Ring Road  
Bangalore, Karnataka 560 037 (India)

## CERTIFICATE

This is to certify that the internship report titled, '**BLOCKCHAIN FOR SECURED AND TRUSTED DATA TRANSACTION**' submitted by '**Raghavarapu Venkateswararao**' (IMT2015036) is a bonafide work carried out under my/our supervision at Siemens Technology and services Pvt Ltd from 16<sup>th</sup> December 2019 to 12<sup>th</sup> June 2020 (6months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His/Her performance & conduct during the internship was satisfactory.

(Signature of the supervisor)  
Name of the Supervisor  
Address.  
Sudev Nair  
105, Prestige Alecto  
Electronic City Phase-1  
Bangalore-560100

Date: 20<sup>th</sup> June 2020  
Place: Bengaluru

# CERTIFICATE

01/07/2020

Email - IMT2015037 Ramisetty Lakshmi Priya - Outlook

## Ramisetty Lakshmi Priya (IMT2015037) - Internship Report

Mehra, Rohit A. <rohit.a.mehra@accenture.com>

Mon 22/06/2020 14:56

To: IMT2015037 Ramisetty Lakshmi Priya <Lakshmi.Priya@iiitb.org>

Cc: IIITB Library <iiitblibrary@iiitb.org>; Sharma, Vibhu <vibhu.sharma@accenture.com>; Bhattacharya, S. by <s.by.bhattacharya@accenture.com>

📎 1 attachments (389 KB)

Internship Report .pdf;

To Whom It May Concern,

This is to certify that the internship report titled, **Software CoBots** submitted by Ramisetty Lakshmi Priya (IMT2015037) is a bonafide work carried out under my/our supervision at Accenture Labs, Bangalore from 13-01-2020 to 25-06-2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

Name of the Supervisor: Rohit Mehra and Sourav Bhattacharya

Date: 22-06-2020

Place: Bengaluru

**Following the certificate format as provided by the Intern. Report (in the current form) attached.**

--

Thanks and Regards

Rohit Mehra

Accenture Labs | Bangalore

Ph: +91 9899682707

---

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[www.accenture.com](http://www.accenture.com)



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## CERTIFICATE

This is to certify that the internship report titled, '**Enhancing Infrastructure by Migrating to the Cloud**' submitted by '**Shivang Arora**' (IMT2015039) is a bonafide work carried out under my supervision at 'GE Digital' 6<sup>th</sup> January 2020 – 19<sup>th</sup> June 2020 (5 months, 13 days), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Anil Kumar

Anil Kumar  
Sr Manager – Software Engineering  
Cassini building,  
John F. Welch Technology Center,  
Plot # 122, EPIP, Phase 5, Whitefield Road,  
Bangalore - 560066

Date: 19<sup>th</sup> June 2020  
Place: Bengaluru



**Date: 12-June-2020**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the internship report titled, '**Increase Parallelism in Data Loading & Trace Collection Optimization**' submitted by **Suggu Sai Sankeerth** (IMT2015040) is a bonafide work carried out under our supervision at 'ThoughtSpot' from **06-Jan-2020** to **12-June-2020** in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His Internship information as per our records is:

**ID#** : 935  
**Designation** : **Engineering Intern**  
**Department** : **400 Engineering**

His performance & conduct during the internship was satisfactory

**For ThoughtSpot India Pvt Ltd,**

DocuSigned by:  
  
4609E2F53E7B4F8...

**Prajeetha Prasad**  
**APAC Director of People Operations**

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>



**Date: 25-Jun-2020**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Suraj Singh** from the **International Institute of Information Technology Bangalore** has successfully completed his Internship on “**Intelligent Reflow mode and Bug fixes in microsoft word**” in **Microsoft India (R&D) Pvt. Ltd., Hyderabad** from **13-Jan-20** to **26-Jun-20**. He has completed the internship under the guidance of **Apurva Sharma**.

**We wish him all the best in his future endeavors.**

**Yours Sincerely,**

**For Microsoft India (R&D) Pvt. Ltd.**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**Sr HR Director**

## CERTIFICATE

This is to certify that the internship report titled, '**CLOUD SOFTWARE DEVELOPMENT USING GOLANG AND KUBERNETES**' submitted by **Surya Srikar Peruri (IMT2015042)** is a bonafide work carried out under my/our supervision at '**Zauba Technologies Private Limited**' from **Jan 2020 - to Feb 2020**, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

**ZAUBA TECHNOLOGIES PVT LTD**  
NO 43, RESIDENCY ROAD  
BANGALORE - 560025

E-mail: [info@zauba.company](mailto:info@zauba.company)  
Website: <https://zauba.company>

FOR ZAUBA TECHNOLOGIES PVT LTD  
*Mansoor Ahmed*  
Director

Mansoor Ahmed

Director,

Zauba Technologies Private Limited,

No 43, Residency Road,

Shanthala Nagar, Ashok Nagar,

Bengaluru - 560025,

Karnataka, India

Date: 28th Feb, 2020

Place: Bengaluru

## Certificate for Udit Jindal



Vinay NP <Vinay.Kumar@walmartlabs.com>

Mon 6/29/2020 6:10 PM



To: IIITB Library

Cc: IIITB\_Placement; IMT2015043 Udit Jindal

IIIT Bangalore Office  
26/C Electronic City Phase 1  
Hosur Road, Bengaluru  
Karnataka - 560100

### CERTIFICATE

This is to certify that the internship report titled, '**Health and Wellness – DSCSA Product Serialization and Tracing**' submitted by '**Udit Jindal (IMT2015043)**' is a bona fide work carried out under my supervision at Walmart Global Technology Services Pvt. Ltd. from 6th January 2020 to 24th July 2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

**Vinay Kumar NP**  
Sr. Engineering Manager  
WM Technology Services Pvt. Ltd.  
Kadubeesanahalli, Bangalore  
Karnataka – 560103

**From:** Patil, Abhijit (GE Healthcare) Abhijit.Patil1@ge.com  
**Subject:** Successful Completion of internship Report from 15th Dec 2019 to 30th May 2020 – IMT2015044 – Utkarsh Agrawal  
**Date:** 27 June 2020 at 5:19 PM  
**To:** iitblibrary@iitb.org  
**Cc:** iitb\_placement@iitb.ac.in, Utkarsh.Agrawal@iitb.org



## CERTIFICATE

This is to certify that the internship report titled, 'COMPUTED TOMOGRAPHY IMAGE RESOLUTION ENHANCEMENT' submitted by 'Utkarsh Agrawal' IMT2015044 is a bonafide work carried out under my supervision at 'GE Healthcare' from 15th Dec 2019 – 30th May 2020 (5.5 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Regards,

**Abhijit Patil**

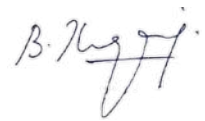
Technology Manager, Artificial Intelligence and Analytics,  
Advanced Technology Group  
GE Healthcare Digital

122 EPIP, John F Welch Technology Centre, Whitefield Road, Bangalore 560066 INDIA  
T +91 4088 1783 M +91 9731 900 771 [abhijit.patil1@ge.com](mailto:abhijit.patil1@ge.com)  
[GE imagination at work](#)

## Thesis Certificate

This is to certify that the thesis titled **Performance Analysis of Virtualization Technologies in NFV and Edge Deployments** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Vaibhav Aggarwal, IMT2015045**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

The thesis confirms to plagiarism guidelines and compliance as per UGC recommendations.



---

Dr. B. Thangaraju

Bengaluru,

The 29<sup>th</sup> of June, 2020.

## CERTIFICATE

This is to certify that the internship report titled, '**Android App Development**' submitted by '**Vegi Mohith**' (IMT2015046) is a bonafide work carried out under my/our supervision at '**Dailyhunt**' 21/01/20 to 31/07/20 , in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.



(Signature of the supervisor)  
Name of the Supervisor  
Address.  
(with seal)

SRIKANTH R  
VERSE INNOVATION PVT. LTD  
(DAILYHUNT), #305, 1<sup>st</sup> main,  
1<sup>st</sup> BLOCK, KORAMANGALA,  
BANGALORE - 560034

Date:  
Place: Bengaluru



# CERTIFICATE

6/12/2020

Mail - IMT2015047 Venkata K C Ritvik Goparaju - Outlook

**Successful completion of internship from 06-January-2020 to 19-June-2020 - Roll No.:  
IMT2015047 - Student Name: VENKATA K C RITVIK GOPARAJU**

Srinath Mohan <srmohan@zynga.com>

Fri 6/12/2020 7:47 PM

To: IIITB Library <iiitblibrary@iiitb.org>

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015047 Venkata K C Ritvik Goparaju  
<VenkataRitvik.Goparaju@iiitb.org>

## CERTIFICATE

This is to certify that the internship report titled, 'BUILD, SURVEY AND AUTOMATION TOOLS VALIDATIONS – RESOLUTION OF ISSUES IN CODING, TESTING & BUILDING ' submitted by Mr. Venkata K C Ritvik Goparaju (Roll No.: IMT2015047) is a bonafide work carried out under my supervision at Zynga Game Network India Private Limited, Bangalore from 6th January 2020 to 19th June 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Date: 12-June-2020

Place: Bengaluru

**Srinath Mohan**

Senior Manager, Engineering

Ph - +91 - 98453 91041

Zynga Inc.



# CERTIFICATE

6/26/2020

Mail - IMT2015048 Y.Harsha Vardhan - Outlook

**Successful completion of internship from 6'Jan 2020 to 19'June 2020 -IMT2015048  
- Y Harsha Vardhan**

Parthiban Pillai <Parthiban.Pillai@walmartlabs.com>

Sun 21-06-2020 13:04

To: IIITB Library <iitblibrary@iiitb.org>

Cc: IMT2015048 Y.Harsha Vardhan <Harsha.Vardhan@iiitb.org>

Hi,

This is to certify that the internship report titled, '**ONLINE GROCERY-NEAR REAL TIME**' submitted by '**Y Harsha Vardhan**' is a bonafide work carried out under my supervision at 'Walmart Global Technologies, India' from 6'Jan 2020 to 19'June 2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance and conduct during the internship was satisfactory.

**Parthiban Pillai**

Senior Manager, Engineering @ Search (US Customer Tech – WalmartLabs)

Date: 21/06/20

Place: Bangalore

---

**Internship from 6th January 2020 to 31st July 2020 - IMT2015502 -  
Anshika Gupta**

Dhirendra Sharma <dhiru.sharma@samsung.com>

Tue 23-06-2020 11:53

**To:** IIITB Library <iitblibrary@iiitb.org>

**Cc:** IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015502 Anshika Gupta <Anshika.Gupta@iiitb.org>;  
Dhirendra Sharma <dhiru.sharma@samsung.com>; Saba Asad <saba.asad@samsung.com>

This is to certify that the internship report titled, '**Study and Design of Model Image Processor and Communication Module**' submitted by '**Anshika Gupta**' (IMT2015502) is a bonafide work carried out under my supervision at 'Samsung Semiconductor India Research (SSIR)' from 6 January, 2020 to 31 July, 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

Date: 23 June 2020

Place: Bengaluru

Dhirendrakumar Bhagwanswarup Sharma

Associate Director

Samsung Semiconductor India R&D,

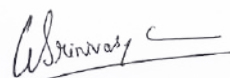
Bagmane Goldstone Building,

Mahadevapura, Bengaluru,

Karnataka -560048

## Thesis Certificate

This is to certify that the thesis titled **TOWARDS RICHER POSTERIOR APPROXIMATION WITH NATURAL GRADIENT VARIATIONAL INFERENCE** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Anshuk Uppal, IMT2015503**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Prof. G Srinivasaraghavan

Bangalore,

The 26<sup>th</sup> of June, 2020.

## Certificate for Internship Report

Chanchal Rudraprasad <chanchal@qti.qualcomm.com>

Sun 6/21/2020 1:59 PM

To: IIITB Library <iitblibrary@iiitb.org>

Cc: rama@iiitb.ac.in <rama@iiitb.ac.in>; Roshni Dsouza <roshni.dsouza@iiitb.ac.in>; IMT2015504 Aparna D. Nair <Aparna.Nair@iiitb.org>

Hi All,

This is to certify that the internship report titled, 'Fuzzing Automation' submitted by 'Aparna D Nair' (IMT2015504) is a bonafide work carried out under my/our supervision at 'Qualcomm' from 12th January, 2020 to 12th of June, 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.  
His performance & conduct during the internship was satisfactory.

Date:- 21st June, 2020

Place:- Bangalore

Chanchal Rudraprasad  
Sr Staff/Mgr  
Qualcomm India Pvt. Ltd. Carina West Tower,  
Bagmane Constellation Bus. Park Cir.  
Doddanekundi Village Circle,  
Marathalli Outer Ring Road  
Bangalore - 560 037,  
Karnataka,  
India

Regards  
Chanchal  
IMS BDC

**IMT2015506 Cherukuri Sai Vivek**

---

**From:** Loganathan Varadaraju (lvaradar) <lvaradar@cisco.com>  
**Sent:** Monday, June 15, 2020 11:14 AM  
**To:** IITB Library  
**Cc:** IMT2015506 Cherukuri Sai Vivek; Cherukuri Sai Vivek (csaivive); IITB\_Placement  
**Subject:** Successful completion of internship from 13 January 2020 to 26 June 2020 –  
IMT2015506 – Cherukuri Sai Vivek

**CERTIFICATE**

This is to certify that the internship report titled 'ONEX' submitted by Cherukuri Sai Vivek (IMT2015506) is a bonafide work carried out under my supervision at 'Cisco Systems, Inc.' from January 13, 2020 to June 26, 2020 (5 months 13 days), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

lvaradar@cisco.com  
LOGANATHAN VARADARAJU  
Consulting Engineer, Customer Delivery  
Cisco Systems  
CaesnaBusinessPark  
Kadubeesanahalli, Bengaluru  
Karnataka 560103

Date: 15/06/2020  
Place: Bengaluru

# Morgan Stanley

**June 26 2020**

To Whom It May Concern

Dear Sir/Madam

**Re: Dasari Sowmya**

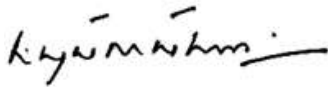
This is to confirm that Ms. Dasari Sowmya was employed by the Morgan Stanley group of companies from January 20 2020 to June 26 2020. Prior to her departure, she was working in the capacity of an Intern in the Corporate & Funding Technology Division in India.

It is our policy only to provide references containing information as to the employee's title and dates of employment. This should not be seen as implying any comment about the employee or his suitability for future employment.

Morgan Stanley does not accept any liability in relation to any reliance placed upon this reference by the recipient or any third party.

Yours Sincerely,

**Morgan Stanley Advantage Services Private Limited**



Rajat Mathur  
Authorised Signatory  
Human Resources

## Thesis Certificate

This is to certify that the thesis titled **Continuous Phoneme Recognition based on CLDNN Frameworks** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Vishnu Sai Sankeerth G, IMT2015510**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Prof. V Ramsubramanian

Bangalore,

The 26<sup>th</sup> of June, 2020.



# CERTIFICATE

6/28/2020

Mail - IMT2015511 Kethiri Sai Praneeth Reddy - Outlook

**Kethiri Sai Praneeth Reddy (IMT2015511)**

**Mehra, Rohit A.** <rohit.a.mehra@accenture.com>

Mon 6/22/2020 2:49 PM

To: IMT2015511 Kethiri Sai Praneeth Reddy <Praneeth.Reddy@iitb.org>

Cc: IITB Library <iitblibrary@iitb.org>; Sharma, Vibhu <vibhu.sharma@accenture.com>; Chaturvedi, Prince <prince.chaturvedi@accenture.com>

1 attachments (71 KB)

IMT2015511\_Version 1(Updated).docx

To Whom It May Concern,

This is to certify that the internship report titled 'ENERGY CONSUMPTION ON ML/DL MODELS' submitted by 'K. Sai Praneeth Reddy' (IMT2015511) is a bonafide work carried out under my/our supervision at Accenture Labs from 13th January, 2020 to 25th June, 2020 (5 months 12 days), in partial fulfillment of the Master of Technology Course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Name of the Supervisor: Rohit Mehra and Prince Chaturvedi

Date: 22-06-2020

Place: Bengaluru

Following the certificate format as provided by the Intern. Report (in the current form) attached.

--

Thanks and Regards

Rohit Mehra

Accenture Labs | Bangalore

Ph: +91 9899682707

---

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[www.accenture.com](http://www.accenture.com)

## CERTIFICATE

This is to certify that the internship report titled, '**Modem Config Tool**' submitted by '**Krishna Nagaraja**' (IMT2015512) is a bonafide work carried out under my/our supervision at 'Qualcomm' from - to (13<sup>th</sup> Jan 2020 to 12<sup>th</sup> June 2020), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Sankalp Srivastava  
Engineer Sr. Staff/ Manager

Qualcomm (J Building),  
Bagmane Constellation  
Business Park,  
Doddanekundi, Outer Ring  
Road, Bengaluru-560048.

Date: Friday, 12<sup>th</sup> June, 2020

Place: Bengaluru, Karnataka

Please Find the email from the manager approving this report, and treat it as an alternative to the physical signature.

The PDF of the email is appended to the report at the end.

# CERTIFICATE

6/29/2020

Mail - IMT2015516 P Vamshi Krishna - Outlook

**Successful completion of internship from January 6,2020 to June 30,2020 - IMT2015516  
- P Vamshi Krishna**

Gunjan Srivastava <gunjan.srivastava@loylty.com>

Sun 6/28/2020 10:07 PM

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015516 P Vamshi Krishna <Vamshi.Krishna@iiitb.org>

CERTIFICATE

This is to certify that the internship report titled, '**REDEEMER ACQUISITION MODEL**' submitted by '**P.VAMSHI KRISHNA (IMT2015516)** is a bonafide work carried out under my/our supervision at 'Loylty Rewardz Management Pvt. Ltd.' from 6'Jan 2020 to 30'June 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Gunjan Srivastava,  
AVP-Data Science,  
Loylty Rewardz Mgnt Pvt Ltd.  
Date: 28-06-2020  
Place: Mumbai

Sent from my iPhone

DISCLAIMER: This email and any attachments transmitted with it may contain confidential, copyrighted, proprietary and legally privileged information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute, print, disclose or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and destroy this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late, incomplete or virus-free. The sender does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission.

## CERTIFICATE



Manish Garg <Manish.Garg@wal  
mart.com>



Wed 6/24/2020 6:55 PM

To: IIITB Library

Cc: IMT2015517 Pranav Aggarwal; IIITB\_Placement



InternsipReport\_IMT2015517\_...

281 KB

Hi,

This is to certify that the internship report titled, '**Detecting Text in Natural Scene for Moving Object**' submitted by '**Pranav Aggarwal**' (IMT2015517) is a bonafide work carried out under my supervision at 'Walmart Labs' from 6<sup>th</sup> January 2020 – 24<sup>th</sup> July 2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Date: 24<sup>th</sup> June 2020

Place: Bangalore

Name: Manish Kumar

Designation: Sr Manager (Supply Chain Technology group)

## CERTIFICATE OF COMPLETION

This is to certify that the internship report titled, '**FUTURE FRAME PREDICTION IN TRAFFIC VIDEOS**' submitted by '**Rohil Pal**' (IMT2015520) is a bonafide work carried out under my/our supervision at '**Siemens Corporate Research and Technology**' from **6<sup>th</sup> January 2020** to **12<sup>th</sup> June 2020**, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

(Signature of the supervisor) **Kollerathu Varghese**  
Name: Varghese Alex Kollerathu  
Designation: Lead Research Engineer  
Address:  
Building Number 84,  
Siemens  
Prestige Alecto Building,  
560100, Bengaluru,  
Karnataka.

Digitally signed by Kollerathu Varghese  
DN: cn=Kollerathu Varghese, o=Siemens,  
email=varghese.kollerathu@siemens.com  
Date: 2020.06.16 14:19:40 +05'30'

Unrestricted

## CERTIFICATE

This is to certify that the internship report titled, '**Klarity Document Service**' submitted by '**T . Aditya**' (IMT2015521) is a bonafide work carried out under my/our supervision at "Klarity Intelligence Inc." through "Khosla Labs" from 1<sup>st</sup> January 2020 to 30<sup>th</sup> June 2020 (duration of the work done), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His/Her performance & conduct during the internship was satisfactory.



Nischal Nadhamuni, CTO  
Klarity Intelligence Inc,  
595 Pacific Ave. 4th floor,  
San Francisco, CA 94133

Date: 11<sup>th</sup> June, 2020

Place: Bengaluru



**Synopsys (India) Pvt. Ltd.**

5th Floor, Tower 'A' RMZ Infinity,  
Municipal No. 3, Old Madras Road,  
Benniganahalli, Bengaluru - 560 016, India.

Tel : +91-80-40188000

Fax: +91-80-30523800

[www.synopsys.com](http://www.synopsys.com)

U85110KA1995PTC017634

## CERTIFICATE

This is to certify that the internship report titled **A&MS Circuit Design for DDR PHY** submitted by **Utkarsh Pratap Singh (IMT2015522)** is a bonafide work carried out under my supervision at Synopsys (India) Pvt. Ltd. from 6<sup>th</sup> January 2020 to 26<sup>th</sup> June 2020, in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

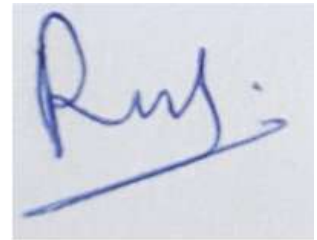
His performance & conduct during the internship was satisfactory.

**Ankit Bapna**  
**Manager, A&MS Circuit Design**  
**Synopsys (India) Pvt Ltd**

Bangalore  
June 15, 2020

## Thesis Certificate

This is to certify that the thesis titled **Design, Fabrication, and Analysis of a Portable Anthropomorphic Upperlimb Rehabilitation and Exoskeleton system** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Vinay Chandrasekhar K, IMT2015523**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Prof. Madhav Rao

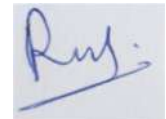
Bengaluru,

The 19<sup>th</sup> of June, 2020.



## Thesis Certificate

This is to certify that the thesis titled **Design and Development of a Single Router Decimeter Level Indoor Localisation System** submitted to the International Institute of Information Technology, Bangalore, for the award of the degree of **Master of Technology** is a bona fide record of the research work done by **Voggu Aravind Reddy, IMT2015524**, under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. The thesis conforms to plagiarism guidelines and compliance as per UGC recommendations.



---

Dr. Madhav Rao

Bengaluru,

The 28<sup>th</sup> of June, 2020.

"internship from 6th January 2020 to 19th June 2020 - IMT2015525 - Y V S Gnaneshwara Reddy"  
Vikram G Mouneshwar <vikram.gm@samsung.com>  
Sun 21-06-2020 22:03  
To: IIITB Library <iiitblibrary@iiitb.org>  
Cc: IMT2015525 Y V S Gnaneshwara Reddy <Gnaneshwara.Reddy@iiitb.org>; IIITB\_Placement  
<IIITB\_Placement@iiitb.ac.in>

## CERTIFICATE

This is to certify that the internship report titled, '**IR DROP ANALYSIS & TIMING CONSTRAINTS FOR SYNTHESIS**' submitted by '**Y V S Gnaneshwara Reddy**' (IMT2015525) is a bonafide work carried out under my supervision at 'Samsung Semiconductor India R&D' from 6<sup>th</sup> January 2020 to 19<sup>th</sup> June 2020 (5.5 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Vikram G Mouneshwar  
Staff Engineer,  
Samsung Semiconductor India R&D,  
Bagmane Goldstone,  
Mahadevapura,  
Bengaluru, Karnataka 560093

Date: 21<sup>st</sup> June 2020  
Place: Bengaluru

**Certificate e-mail for Alan Israel (IMT2015526)**

**Sarang Kalbande <sarang.mk@samsung.com>**

**Fri 6/19/2020 2:50 PM**

**To: IIITB Library <iiitblibrary@iiitb.org>**

**Cc: IMT2015526 Alan Israel M <Alan.Israel@iiitb.org>; IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; Neil Deshpande <n.deshpande@samsung.com>; Alan Israel <alan.i@partner.samsung.com>; Sarang Kalbande <sarang.mk@samsung.com>**

**CERTIFICATE**

This is to certify that the internship report titled, '**POWER MANAGEMENT IN SOCs**' submitted by '**ALAN ISRAEL M (IMT2015526)**' is a bonafide work carried out under my supervision at 'Samsung Semiconductor India R&D' from 6<sup>th</sup> January 2020 to 19<sup>th</sup> June 2020 (5.5 months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Sarang Kalbande,  
Senior Staff Engineer,  
Samsung Semiconductor India R&D,  
Bagmane Goldstone Bulding,  
Mahadevapura, Bengaluru,  
Karnataka-560048

Date: 19<sup>th</sup> June 2020

Place: Bengaluru

**Regards,**

**Sarang kalbande**

## CERTIFICATE

This is to certify that the internship report titled '**AI Chatbot System using Mind-Meld Engine**' submitted by **Bharath N (IMT2015527)** is a bonafide work carried out under my supervision at 'Cisco Systems, Inc.' from January 16, 2020 to June 26, 2020 (5 months 10 days), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.

Ajay Sharma

Sr. Manager at Cisco Systems India

SEZ Unit, Cessna Business Park

Kadubeesanahalli Village, Hobli

Sarjapur, Varthur Rd

Marathahalli

Bengaluru, Karnataka 560103

Date: June 22, 2020

Place: Bengaluru



## Internship of Prachi D in Cisco Systems India and Report Approval of the project

Sandeep K.S (sandks) <sandks@cisco.com>

Wed 6/17/2020 1:24 PM

To: IIITB Library <iiitblibrary@iiitb.org>

Cc: IIITB\_Placement <IIITB\_Placement@iiitb.ac.in>; IMT2015528 Prachi Pravin Dhamange <PrachiPravin.Dhamange@iiitb.org>; Prachi Dhamange (pdhamang) <pdhamang@cisco.com>

Respected Sir/ Madam,

This is to certify that the internship report titled, '**MRA Solution Monitoring and Debugging in Expressway**' submitted by **Prachi Dhamange (IMT2015528)** is a bonafide work carried out under my supervision at '**Cisco Systems (India) Private Limited**' from 16<sup>th</sup> January 2020 to 26<sup>th</sup> June 2020, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.

**Date:** 17<sup>th</sup> June 2020

**Place:** Bengaluru

Regards

**Sandeep K S**

Senior Software Development Manager

Collaboration Business Unit

Cisco Systems India Pvt Ltd.

Bangalore

## CERTIFICATE

This is to certify that the internship report titled '**JIRA Work Flow Automation**' submitted by '**Kosanam Manosree**'(IMT2013020) is a bonafide work carried out under my/our supervision at 'Mindtuit'from January 1, 2018 to June 15, 2018 (5 and half months), in partial fulfillment of the Master of Technology course of International Institute of Information Technology, Bangalore.

His performance & conduct during the internship was satisfactory.



Nagendra Desai

Director

Mindtuit,

109, 27th Main,

HSR Layout,

Bangalore, Karnataka, 560102.

For MINDTUIT ANALYTICS PRIVATE LIMITED

Director



Date: July2, 2018

Place: Bengaluru

## CERTIFICATE

This is to certify that the internship report titled, **FAIRWORK INDIA 2018-2019 REPORT AND ANALYSIS** submitted by **Mounika Neerukonda (IMT2014035)** is a bonafide work carried out under my/our supervision at 'The Fairwork Foundation' from December 2018 to April 2019, in partial fulfilment of the Master of Technology course of International Institute of Information Technology, Bangalore.

Her performance & conduct during the internship was satisfactory.



Prof. Balaji Parthasarathy

International Institute of Information Technology, Bangalore



Prof. Janaki Srinivasan

International Institute of Information Technology, Bangalore

Date: June 12th, 2020

Place: Bengaluru