Combatore Institute of Technology
Coimbatore - 14
Deparment of Computing - Artificial Intelligence and Machine Learning

Academic Year: 2022 - 2023
Programme: M.Sc. AIML
Batch: 2019
Semester: VII
Course Code / Course Name: 19MAM71 / Project Work and Viva Voce - I

SNo	Roll No	Name	Name of the Company/Institution
1	1934001	Aatheeswaran.M.	Smartail Private Limited
2	1934002	Arun Prakaash.G.	Bosch Global Software Technologies Private Limited
3	1934003	Avanthika.K.	CoverNest Insurance Web Aggregator Pvt. Ltd
4	1934004	Barath.S.	Optisol Business Solutions
5	1934005	Chezhian.T.N.	Bosch Global Software Technologies Private Limited
6	1934006	Devasena.K.	Ernst & Young Pvt Ltd
7	1934007	Dhinesh.G.	Positive Integers Pvt Ltd
8	1934008	Gokulram.K.	Bosch Global Software Technologies Private Limited
9	1934009	Harini Sri.S.	Bosch Global Software Technologies Private Limited
10	1934010	Harisudhan.V.L.	Optisol Business Solutions
11	1934011	Ilakiya.S.	Wimera Systems Private Limited
12	1934012	Jayasuriya.E.	Universitiy of Malaya, Malaysia
13	1934013	Jeevasurya.V.	Bosch Global Software Technologies Private Limited
14	1934014	Kalanithi.T.	Bosch Global Software Technologies Private Limited
15	1934015	Kasi Viswanathan.I.	Meca Technologies LLC / Puretalk.ai
16	1934016	Kavya.K.	Bosch Global Software Technologies Private Limited
17	1934017	Kishore Kumar.D.	Universitiy of Malaya, Malaysia
18	1934018	Kishore Kumar.R.	Bosch Global Software Technologies Private Limited
19	1934019	Kishore.S.	Bosch Global Software Technologies Private Limited
20	1934020	Kunguma Gokul.S.	AvaWatz AI, IIT Bombay
21	1934021	Lakshya Karwa.	Universitiy of Malaya, Malaysia
22	1934022	Lekha Sree.J.	Healthcare Technology lnnovation Centre, IITM Research Park
23	1934023	Nanda Kishore.V.	Positive Integers Pvt Ltd
24	1934024	Narean Karthick.P.	Smartail Private Limited
25	1934025	Naresh Kumar.R.M.	Rootquotient Technologies Private Limited
26	1934026	Nithishkumaar.K.P.	Bosch Global Software Technologies Private Limited
27	1934027	Prakash.R.	Meca Technologies LLC / Puretalk.ai
28	1934028	Pratiba.K.R.	Bosch Global Software Technologies Private Limited
29	1934029	Preethi.S.	Bosch Global Software Technologies Private Limited
30	1934030	Rajalakshmi.C.	Bosch Global Software Technologies Private Limited
31	1934031	Rhithika Sree.K.S.	ANTLABS, A Division of ALTIUS Technologies
32	1934032	Ridhanya.S.	Optisol Business Solutions
33	1934033	Ridhisha.J.	Optisol Business Solutions
34	1934034	Rohan.M.	Deepvisiontech Pvt. Ltd.

35	1934035	Samiksha.I.	Deepvisiontech Pvt. Ltd.
36	1934036	Sanjay Krishna.R.	Satyukt Analytics Pvt Ltd
37	1934037	Sanjaypranav.V.M.	Universitiy of Malaya, Malaysia
38	1934038	Saran Prasath.A.R.	Universitiy of Malaya, Malaysia
39	1934039	Saravana Prabhu.A.	Optisol Business Solutions
40	1934040	Sarika.M.	Satyukt Analytics Pvt Ltd
41	1934041	Shamruthi.R.	Bosch Global Software Technologies Private Limited
42	1934042	Sharulatha.N.	Athabasca University, Edmonton, Canada through Mitacs Globalink Research Intership
43	1934043	Shruthi . J	Coimbatore Institute of Technology
44	1934044	Sidharth.S.	Bosch Global Software Technologies Private Limited
45	1934045	Sneka.P.	Bosch Global Software Technologies Private Limited
46	1934046	Sreekanth.S.	Starkfo Technologies
47	1934047	Srijith.S.	Elysium Pro
48	1934048	Sriram.S.	Business on Bot Private Limited
49	1934049	Subash.S.	Universitiy of Malaya, Malaysia
50	1934050	Subika.T	Frshr Technologies Pvt. Ltd.
51	1934051	Surya.R.E.	Coimbatore Institute of Technology
52	1934052	Tanuja.A.	Kanini Software Solutions
53	1934053	Tarun Kumar. Is	Ryerson University, Canada through Mitacs Globalink Research Intership
54	1934054	Vaishali.K.	Bosch Global Software Technologies Private Limited
55	1934055	Varsha.B.	Bosch Global Software Technologies Private Limited

Smartail

Nov 30, 2022

INTERNSHIP COMPLETION LETTER

TO WHOM EVER IT MAY CONCERN

This is to certify that **Aatheeswaran M (1934001)** from Department of **(MSc Artificial Intelligence and Machine Learning)** in Coimbatore Institute of Technology, has successfully completed his internship at **Smartail Pvt Ltd** for the project **"Pre and Post Processing Handwritten Corpus"** from 4th July 2022 to 30th Nov 2022(5 months).

During his internship he was exposed to the various activities in Product Development predominantly in **Computer Vision, Python-kafka, MongoDB**. We found him inquisitive and hardworking. He was very much interested in learning new things. His association with us in **Deepgrade correction, Deepgrade enhancement** was very fruitful and we wish him all the best in future endeavours.

Kind Regards,

Swaminathan Ganesan

Swaminathan Ganesan
Co-founder and CEO

SMARTAIL PVT. LTD. * CHENNAI *

No.198, CMH Road,Second Floor, Suite No.1323, Indira nagar,
Second stage, Bangalore 560038

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **"G ARUNPRAKAASH(1934002)"** has done his Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (ECV)**.

As a part of his internship, he has been working on the topic "**IRESET CLASSIFER**", from the period of **4/07/2022** to **23/12/2022**.

pki, BOSCH, APAC, S, R, Sridhar.Padmanaban

Digitally signed by pki, BOSCH, APAC, S, R, Sridhar.Padmanaban
Date: 2022.12.02 10:14:21 +05'30'

Name
PROJECT MENTOR

CoverNest Insurance Web Aggregator Private Limited

1st Floor, No – 6/20, Bharathiar Street, Vanuvampet, Chennai – 600091.
Ph – 7338844862, Mail – info@covernest.com, www.covernest.com

05 December 2022

Internship Completion Certificate

This is to certify that **Avanthika K (Roll No - 1934003)**, pursuing her pre-final year M.Sc Artificial Intelligence and Machine Learning (5 years Integrated) at Coimbatore Institute of Technology, Coimbatore has successfully completed her internship for a duration of 5 months from 04 July 2022 to 05 December 2022 at our organization. During the period of internship, she was found hard working, professional and has shown good commitment towards the task assigned to her. Below are her project specifications:

Project Title: WEB PORTAL ENHANCEMENT FOR VEHICLE INSURANCE

We wish her all success in her future endeavors.

For CoverNest Insurance Web Aggregator Pvt Ltd,

Rajasekaran R G,
Managing Director

OptiSol
Solutions | Services

TO WHOM IT MAY CONCERN

07th December 2022

This is to certify that **Mr. BARATH S (Register no: 1934004)** has successfully completed his internship program as **iOS Developer** on his project assignment "**Real world object measurement using Augmented Reality techonology**" with **OptiSol Business Solutions Private Limited** located at Baid Hi-Tech Park, Thiruvanmiyur, Chennai. His internship tenure was from **07th July 2022 to 07th December 2022**.

His performance during this internship has been exemplary. He showed good aptitudeand motivation to learn new technology stacks and had been a great addition to our team. We wish him all the very best in his future endeavours.

For OptiSol Business Solutions Private Limited

Vaishnavi Devi K

HR Executive

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **"CHEZHIAN T N"** has done his Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/ECK4)**.

As a part of his internship, he has been working on the topic "**DYNAMIC HAND GESTURE RECOGNITION**", from the period of 04/07/2022 to 30/11/2022.

Hariharan Sapthanishi

Name
HARIHARAN SAPTHARISHI

S.R. BATLIBOI & ASSOCIATES LLP

S. R. Batliboi & Associates LLP
6th Floor – "A" Block
Tidel Park
No. 4, Rajiv Gandhi Salai Taramani
Chennai – 600 113, India
Phone: +91 44 6632 8000
Fax: +91 44 2254 0120

7 December 2022

Devasena K
Coimbatore Institute of Technology, Coimbatore.

To Whomsoever It May Concern

This is to certify that **Ms. Devasena K (Register No: 1934006)**, student of MSc Artificial Intelligence and Machine Learning , from **Coimbatore Institute of Technology**, is currently doing her Project Internship at *S. R. Batliboi & Associates LLP*.

Duration: 11 July 2022 – 16 December 2022

Her project title is "**Detecting Anomalies in Transactional Data using Machine Learning"**

During the course of internship, she was committed to her work and consistently maintained an attendance of above **90%.**

We wish her all the best for her future endeavors.

For *S. R. Batliboi & Associates LLP,*

Vikram K Devatha,
Director, Analytics COE
Authorized Signatory

Positive Integers Pvt Ltd
No. 13 (Old No. 5A), Chittaranjan Lane, Teynampet, Chennai - 600018
CIN: U74999TN2012PTC127924

Insights. Campaigns. Results.

Date: 09-12-2022

From

Positive Integers Pvt Ltd

No.13 Old No. 5A, Chittanranjan Lane,

Teynampet, Chennai- 600 018.

TO WHO EVER IT MAY CONCERN

This is to certify that **DHINESH G**, M.Sc - Artificial Intelligence and Machine Learning student (7th Semester) from Coimbatore Institute of Technology completed his **Internship** as **Data Scientist Intern** at Positive Integers from **11th July 2022 to 30th November 2022**.

During this period, he has worked on the following projects:

- TSO Refactoring
- Steel Price Forecasting
- TSE Refactoring

He demonstrated excellent technical and research skills regarding data analytics. His performance on the projects and enthusiasm during this period was outstanding.

We wish him all the best!

Thanking you

For POSITIVE INTEGERS PVT LTD

Authorized Signatory

(Nikhil Sathasivam- VP - Analytics, Solution design and Commercials)

BOSCH

Bosch Global SoftwareTechnologies.
Chil Sez IT park,
Saravanampatty,
Coimbatore 641035 ,INDIA

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **"GOKUL RAM K (1934008)"** has done his Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/ENX3)**.

As a part of his internship, he has been working on the topic "**IMAGE CLASSIFICATION AND AUTO TEST REPORT GENERATION FOR DeNOx** ", from the period of **11/07/2022** to **30/11/2022**.

PROJECT MENTOR
SHIBU KRISHNAN (MS/ENX3)

Bosch Global SoftwareTechnologies.
Global Tech Park,
Dairy Colony,
Adugodi, Bengaluru,
Karnataka 560029

TO WHOM IT MAY CONCERN

30th NOVEMBER 2022

This is to certify that **Harini sri S (1934009)** has done her Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/ETA4-ETAS)**.

As a part of her internship, she has been working on the topic "**FULL STACK DEVELOPMENT OF FLEET MANAGEMENT SERVICE**", from the period of **04-07-2022** to **30-11-2022**.

R. Srinivas 30.11.2022

Revanur Srinivasa Kumar (MS/ETA-ETAS)
PROJECT MENTOR

OptiSol
Solutions | Services

TO WHOM IT MAY CONCERN

07th December 2022

This is to certify that **Mr. Harisudhan VL (Register no: 1934010)** has successfully completed his internship program as **Data/ML Engineer** on his project assignment "**Sandpit Cleanup Automation in AWS**" with **OptiSol Business Solutions Private Limited** located at Baid Hi-Tech Park, Thiruvanmiyur, Chennai. His internship tenure was from **07th July 2022 to 07th December 2022**.

His performance during this internship has been exemplary. He showed good aptitude and motivation to learn new technology stacks and had been a great addition to our team. We wish him all the very best in his future endeavours.

For OptiSol Business Solutions Private Limited

Vaishnavi Devi K

HR Executive

Wimera Systems Private Limited
 # L175, Sanjeevini, 2F, 13th Cross, Sector-6,
ORR, HSR Layout, Bengaluru-560102, INDIA
CIN: U72200KA2015PTC080813
TEL: +91-80-25726502
www.wimerasys.com

Date: 09th December 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Ilakiya S (Roll No:1934011)** a student of **Coimbatore Institute Of Technology, Coimbatore** has successfully completed an Internship Program from 01st August 2022 to 9th December 2022 and will continue till December 30th at our company **Wimera Systems Private Limited, Bengaluru.**

Project Title: **Spindle Health Prediction and Maintenance.**

Role: **Machine Learning Intern**

She worked in the field of **AI/ML, Python and MongoDB**.

During the period of her internship with us, she was very dedicated and she has put sincere efforts in completing the assigned tasks.

We wish her every success in life.

For Wimera Systems Pvt Ltd.

Nagarajan N
Managing Director

UNIVERSITI MALAYA

Certificate of Completion

This certificate is presented to

JAYASURIYA, E.

In recognition of hardwork and dedication in completing the

INTERNSHIP
for
MOBILITY PROGRAMME

From 1st July 2022 to 31st November 2022
at Faculty of Computer Science & Information Technology
Universiti Malaya

PROFESOR DR. LOO CHU KIONG
Dean
Faculty of Computer Science & Information Technology
Universiti Malaya

BOSCH

Bosch Global SoftwareTechnologies.
Post Box No. 3000,
Hosur Road, Adugodi,
Bengaluru 560030 INDIA

TO WHOMIT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **"JEEVASURYA V (1934013)"** has done his Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (EDV-ETAS)**.

As a part of her internship, he has been working on the topic "**EVALUATION OF INTEGRATOR AND CO-SIMULATION**", from the period of **04-JULY-2022** to **30-NOV-2022**.

30/11/2022

BYRE GOWDA(MS/EDV-ETAS)
PROJECT MENTOR

Bosch Global Software
Technologies Private Limited
(CIN:
U72400KA1997PTC023164)
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.boschsoftwaretechnologies.com

LETTER OF REFERENCE

Internship Completion Certificate

Date: 07.12.2022

This is to certify that **Kalanithi T (E.No : 34822434)** from **Coimbatore Institute of Technology** has carried out an internship on **"Automated testspec generation using AI"** from **05-Jul-2022** to **30-Nov-2022** under the guidance of **Renju Kuriakose (MS/PJ-AIML-PS)**.

We appreciate your valuable contribution and wish you success in your future endeavours.

Bosch Global Software Technologies Private Limited.

pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi

Digitally signed by pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Date: 2022.12.08 11:00:27 +05'30'

Mahesh Kishore Punjabi
Senior Project Manager
Human Resource

Registered Office: Bosch Global Software Technologies Private Limited - (CIN: U72400KA1997PTC023164)
(Formerly known as Robert Bosch Engineering and Business Solutions Pvt. Ltd.)
123, Industrial Layout, Hosur Road, Koramangala, Bengaluru - 560095, India
Managing Director: Mr. Dattatri Salagame
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Contact: connect@in.bosch.com

Puretalk.ai

meca technologies.

This electronic document certifies that

Kasi Viswanathan

Has successfully completed all required terms of his (her) internship at Meca Technologies LLC / Puretalk.ai, and therefore awarded this

Internship M1 Machine Learning Program certificate

Presented on 2nd day of December, 2022

Evan Sirlin CEO

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOM IT MAY CONCERN

30th NOVEMBER 2022

This is to certify that **KAVYA K(19 34 016)** has done her Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/ECP6-XC DEPARTMENT)**.

As a part of her internship, she has been working on the topic **"LOG DATA ANALYSIS AND ERROR PREDICTION USING DEEP LEARNING ALGORITHM"**, from the period of **04.07.2022** to **30.11.2022**.

NAME

HIMANSHU GOYAL (MS/ECP6-XC)

PROJECT MENTOR

UNIVERSITI MALAYA

Certificate of Completion

This certificate is presented to

KISHORE KUMAR D

In recognition of hardwork and dedication in completing the

INTERNSHIP
for
MOBILITY PROGRAMME

From 1st July 2022 to 31st November 2022
at Faculty of Computer Science & Information Technology
Universiti Malaya

PROFESOR DR. LOO CHU KIONG
Dean
Faculty of Computer Science & Information Technology
Universiti Malaya

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOMEVER IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **KISHORE KUMAR R (1934018)** has done his Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/ECF1-XC)**.

As a part of his internship, he has been working on the topic "**ANALYSIS ON FIELD RETURN INFOTAINMENT DEVICES USING MACHINE LEARNING**", from the period of **04/07/2022** to **23/12/2022**.

pki, BOSCH, APAC, M, U, Murali.M

Digitally signed by pki, BOSCH, APAC, M, U, Murali.M
Date: 2022.12.02 16:09:11 +05'30'

PROJECT MENTOR

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **"KISHORE S(1934019)"** has done her Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/ESP-SY1-CC)**.

As a part of her internship, she has been working on the topic "**DATA GENERATION AND DYNAMIC PREDICTION OF PUMP SPEED FOR ESP SYSTEMS IN BRAKING APPLICATION**", from the period of **11/07/2022** to **30/11/2022**.

Mohan
Digitally signed by Mohan
Date: 2022.12.08 11:58:29 +05'30'

MOHAN RAJENDRAN(MS/ESP-SY1-CC),
PROJECT MENTOR

AVAWATZ

22/11/2022

CERTIFICATE

TO WHOM IT MAY CONCERN

This letter is to certify that **Mr. Kungama Gokul S,** has successfully completed his project of 5 months with **AvaWatz Inc and IIT Bombay**. His project tenure was from **July 2022 to November 2022**. He was working as **Machine Learning Intern** and was actively & diligently involved in the projects and tasks assigned to him.

We found him enthusiastic, diligent, and sincere towards his work while He showcased his talent in efficiently coordinating with the team alongside contributing towards the development and research goals. His overall performance was outstanding.

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

Prof. Rishabh Iyer

Professor at UT Dallas, Visiting Prof. at IIT Bombay, and AvaWatz AI Research Advisor & Director

UNIVERSITI MALAYA

Certificate of Completion

This certificate is presented to

LAKSHYA KARWA

In recognition of hardwork and dedication in completing the

INTERNSHIP
for
MOBILITY PROGRAMME

From 1st July 2022 to 31st November 2022
at Faculty of Computer Science & Information Technology
Universiti Malaya

PROFESOR DR. LOO CHU KIONG
Dean
Faculty of Computer Science & Information Technology
Universiti Malaya

LETTER OF EXPERIENCE

This is to certify that Lekha Sree J, student of CIT Coimbatore M.Sc Artificial Intelligence and Machine Learning (Roll no: 1934022) worked as Research Intern from 4th July 2022 – 9th December 2022, at Healthcare Technology Innovation Centre, IIT-Madras.

During the internship, Lekha Sree worked in the medical image computing team, developing deep learning models for MRI reconstruction and image-to-image translation applications, using state of the art models from the research literature, including generative adversarial networks like Star-GAN-v2. The algorithms developed by Lekha Sree were implemented in Pytorch framework, and trained on NVIDIA GPUs, and demonstrated on multimodal MRI datasets.

We appreciate the contributions made by Lekha Sree in image analysis and algorithm development, and we wish her the very best in her future endeavors.

Healthcare Technology Innovation Centre
Chennai-600 036.
IIT Madras

Keerthi Ram

Lead Engineer - Imaging, HTIC

Positive Integers Pvt Ltd
No. 13 (Old No. 5A), Chittaranjan Lane, Teynampet, Chennai - 600018
CIN: U74999TN2012PTC127924

Insights. Campaigns. Results.

Date: 09-12-2022

From

Positive Integers Pvt Ltd

No.13 (Old No. 5A), Chittaranjan Lane,

Teynampet, Chennai - 600 018.

TO WHO EVER IT MAY CONCERN

This is to certify that **NANDA KISHORE V**, M.Sc - Artificial Intelligence and Machine Learning student (7th Semester) from Coimbatore Institute of Technology completed his **Internship** as **Data Scientist Intern** at Positive Integers of 5 months from **11th July 2022 to 30th November 2022**.

During this period, he has worked on the following projects:

- **NPD Refactoring**
- **Billet Price Forecasting**
- **TSE Refactoring**

He demonstrated excellent technical and research skills regarding data analytics. His performance on the projects and enthusiasm during this period was outstanding.

We wish him all the best!

Thanking you

For POSITIVE INTEGERS PVT LTD

Chennai

Authorized Signatory

(Nikhil Sathasivam – VP - Analytics, Solution design and Commercials)

Smartail

Nov 30, 2022

INTERNSHIP COMPLETION LETTER

TO WHOM EVER IT MAY CONCERN

This is to certify that **Narean Karthick P (1934024)** from Department of **(MSc Artificial Intelligence and Machine Learning)** in Coimbatore Institute of Technology, has successfully completed his internship at **Smartail Pvt Ltd** for the project **Enhancing the grading process** from 4th July 2022 to 30th Nov 2022.

During his internship he was exposed to the various activities in Product Development predominantly in **Python(Sympy,Regular Expression),Computer Vision and Git**. We found him inquisitive and hardworking. He was very much interested in learning new things. His association with us in **DeepGrade Correction** was very fruitful and we wish him all the best in future endeavours.

Kind Regards,

Swaminathan Ganesan

Swaminathan Ganesan
Co-founder and CEO

SMARTAIL PVT. LTD. * CHENNAI *

No.198, CMH Road,Second Floor, Suite No.1323, Indira nagar,
Second stage, Bangalore 560038

INTERNSHIP CERTIFICATE

This is to certify that **NARESH KUMAR R M**, M.Sc - AI & ML student (7th semester) from Coimbatore Institute of Technology, successfully completed an internship of 5 months from July 2022 to Dec 2022 with RootQuotientTechnologies Pvt Ltd, under the guidance of Thiyanesh (Industry mentor).

Role: **Software Development Engineer - Intern**

Project: **FinTech Mobile Application**

During his tenure, we found him being active and competent in executing all assigned tasks. His performance throughout the internship was found to be extremely satisfactory.

We wish him great success in all of his future endeavors.

Date: December 1, 2022.

Rajagopalan Raghavan

CEO, Rootquotient

rootquotient

No.5, 1st Floor, The Hive, SRP Stratford,

Rajiv Gandhi Salai, Kottivakkam, Chennai.

+91 98404 90480

hello@rootquotient.com

Bosch Global Software
Technologies Private Limited
(CIN:
U72400KA1997PTC023164)
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.bosch-softwaretechnologies.com

LETTER OF REFERENCE

Internship Completion Certificate

Date: 06.12.2022

This is to certify that **Nithishkumaar K P (E.No : 34822826)** from **Coimbatore Institute Of Technology** has carried out an internship on **"Model Based Development (Proof of Concept) and Mail Automation for task tracking"** from **04-Jul-2022** to **30-Nov-2022** under the guidance of **Satish Kumar Anbalagan (MS/ECI1-XC)**.

We appreciate your valuable contribution and wish you success in your future endeavours.

Bosch Global Software Technologies Private Limited.

pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi

Digitally signed by pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Date: 2022.12.06 13:07:38 +05'30'

Mahesh Kishore Punjabi
Senior Project Manager
Human Resource

Registered Office: Bosch Global Software Technologies Private Limited - (CIN: U72400KA1997PTC023164)
(Formerly known as Robert Bosch Engineering and Business Solutions Pvt. Ltd.)
123, Industrial Layout, Hosur Road, Koramangala, Bengaluru - 560095, India
Managing Director: Mr. Dattatri Salagame
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Contact: connect@in.bosch.com

Puretalk.ai

meca technologies.

This electronic document certifies that

Prakash Ramesh

Has successfully completed all required terms of his (her) internship at Meca Technologies LLC / Puretalk.ai, under the topic **"Multi-Voice Text to Speech Generator for Imitating Human Voice"** and therefore awarded this

Internship M1 Machine Learning Program certificate

Presented on 2nd day of December, 2022

Evan Sirlin CEO

Bosch Global Software
Technologies Private Limited
(CIN:
U72400KA1997PTC023164)
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.boschsoftwaretechnologies.com

LETTER OF REFERENCE

Internship Completion Certificate

Date: 06.12.2022

This is to certify that **Pratiba S (E.No** : **34822489)** from **Coimbatore Institute of Technology** has carried out an internship on **"Dynamic Prediction of Pressure and Current for ESP Systems in Braking Applications"** from **04-Jul-2022** to **30-Nov-2022** under the guidance of **Mohan Rajendran (MS/ ESP-SY1-CC)**.

We appreciate your valuable contribution and wish you success in your future endeavours.

Bosch Global Software Technologies Private Limited.

pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi

Digitally signed by pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Date: 2022.12.06 13:07:51 +05'30'

Mahesh Kishore Punjabi
Senior Project Manager
Human Resource

Registered Office: Bosch Global Software Technologies Private Limited - (CIN: U72400KA1997PTC023164)
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Managing Director: Mr. Dattatri Salagame
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Contact: connect@in.bosch.com

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Technologies Private Limited
(CIN:
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123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.boschsoftwaretechnologies.com

LETTER OF REFERENCE

Internship Completion Certificate

Date: 06.12.2022

This is to certify that **Preethi S (E.No : 34822513)** from **Coimbatore Institute of Technology** has carried out an internship on **"An Automated Decision Support System to Assess Error Logs"** from **04-Jul-2022** to **30-Nov-2022** under the guidance of **Saravanakumar C Shanmugam (MS/ ETB3-PS)**.

We appreciate your valuable contribution and wish you success in your future endeavours.

Bosch Global Software Technologies Private Limited.

pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi

Digitally signed by pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Date: 2022.12.06 13:07:51 +05'30'

Mahesh Kishore Punjabi
Senior Project Manager
Human Resource

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Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.bosch-softwaretechnologies.com

LETTER OF REFERENCE

Internship Completion Certificate

Date: 06.12.2022

This is to certify that **Rajalakshmi C (E.No** : **34827769)** from **Coimbatore Institute Of Technology** has carried out an internship in **Data driven development Team** on the topic **"DATA VERSIONING FOR MACHINE LEARNING MODELS"** from **04-Jul-2022** to **30-Nov-2022** under the guidance of **Bhavya Mohandas (PJ-CSS)**.

We appreciate your valuable contribution and wish you success in your future endeavours.

Bosch Global Software Technologies Private Limited.

pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi

Digitally signed by pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Date: 2022.12.06 13:08:04 +05'30'

Mahesh Kishore Punjabi
Senior Project Manager
Human Resource

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Managing Director: Mr. Dattatri Salagame
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Contact: connect@in.bosch.com

ANT LABS

Date: 01-12-2022
Ref: ANTLAB/HR/IS/001/MGMT/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Rhithika Sree** Roll no:1934031, 4th year (7th semester) from M.Sc. AI and ML department, Coimbatore Institute of Technology, Coimbatore have undergone an **INTERNSHIP** in our organization. We state on record that Rhithika Sree has successfully completed an internship project "**Recommendations for service engineers and Feature Extraction from image documents**" at **ANTLABS** (A Division of ALTIUS Technologies), from 11-07-2022 to 30-11-2022 (5 months).

During the internship, she was found fully committed to her job and totally sincere towards the organization. Her performance exceeded expectations and was able to complete the project successfully.

We wish her great success in her future endeavours.

With Best Regards,

Vellayan Lakshmanan

(Chief Executive Officer)

+91-422-245 0061

info@antlab.io

OptiSol
Solutions | Services

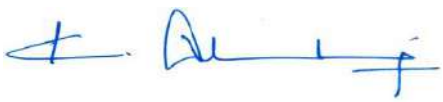
TO WHOM IT MAY CONCERN

07th December 2022

This is to certify that Ms. **RIDHANYA S (Register no: 1934032)** has successfully completed her internship program as **Machine Learning Engineer** on her project assignment **"Health Recommendation System"** with **OptiSol Business Solutions Private Limited** located at Baid Hi-Tech Park, Thiruvanmiyur, Chennai. Her internship tenure was from **07th July 2022 to 07th December 2022.**

Her performance during this internship has been exemplary. She showed good aptitude and motivation to learn new technology stacks and had been a great addition to our team. We wish her all the very best in her future endeavours.

For OptiSol Business Solutions Private Limited



Vaishnavi Devi K

HR Executive

OptiSol
Solutions | Services

TO WHOM IT MAY CONCERN

07th December 2022

This is to certify that **Ms. RIDHISHA J (Register no: 1934033)** has successfully completed her internship as **Data Engineer** on her project assignment **"Document Parsing and Extraction for Shipping Industry"** with **OptiSol Business Solutions Private Limited** located at Baid Hi-Tech Park, Thiruvanmiyur, Chennai. Her internship tenure was from **07th July 2022 to 07th December 2022**.

Her performance during this internship has been exemplary. She showed good aptitude and motivation to learn new technology stacks and had been a great addition to our team. We wish her all the very best in her future endeavours.

For OptiSol Business Solutions Private Limited

Vaishnavi Devi K

HR Executive

30. November 2022

Internship Certificate

This is to certify that **Rohan Murali**, M.Sc – AI & ML student (7th semester) from Coimbatore Institute of Technology, successfully completed the internship that started on 10. August 2022 until 30. November 2022 with Linx Works Private Limited (apiplatform.io).

Role: **Mobile Developer – Intern**

Project: **Hyper Automation Intelligence Virtual Agent (HAIVA)**

During his time with us, we found Rohan engaged and skilled in executing all the assignments. He is an excellent performer, and we were delighted to have him as a team member.

We wish him every success in his life and career.

Saldin Samuel
Chief Technology Officer
Linx Works

DeepVisionTech.AI
Realize your AI vision with us

27th Sep 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that the following student of **COIMBATORE INSTITUTE OF TECHNOLOGY, M.SC. AI & ML DEPARTMENT, 4TH YEAR,** has completed her internship at DeepVisionTech.AI.

1. **SAMIKSHA I (Roll No. 1934035)**

Internship Duration: 4th Jul 2022 to 31st Aug 2022

During her internship work at our organization, we found her committed and diligent. She took ownership of the assigned tasks, learnt new techniques in Deep Learning (data processing and model training).

Her association with us was fruitful and we wish her **ALL THE BEST**.

For DeepVisionTech.AI,

(Mr. Jayasudan Munsamy)
Founder & CEO at DeepVisionTech.AI

DeepVisionTech is Associated with:

NVIDIA INCEPTION PROGRAM | ORACLE for Startups | iit-b | एसटीपीआई STPI

Puretalk.ai

meca technologies.

This electronic document certifies that

Samiksha Ilango

Has successfully completed all required terms of his (her) internship at Meca Technologies LLC / Puretalk.ai, and therefore awarded this

Internship M1 Machine Learning Program certificate

Presented on 2nd day of December, 2022

Evan Sirlin CEO

December 7, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that a project entitled 'Sat2credit - Crop Yield And Credit Score Prediction' has been carried out by **Mr. Sanjay Krishna R** (Reg. No: 1934036), pursuing M.Sc Artificial Intelligence and Machine Learning (4th year) in Coimbatore Institute of Technology at Satyukt Analytics Pvt. Ltd. Bangalore. He has been working with us from 04th July 2022 as a full time intern on the above project, and it is expected to finish on 04th January 2023.

Sincerely,

S. Thiyaku
COO

Satyukt Analytics Pvt. Ltd.
CIN:U01100KA2018PTC114677
#117, 2nd Floor, Ashwin Arcade, Sanjay Nagar Main Road, Ashwath Nagar, Bangalore 560094
Email: contact@satyukt.com, Contact No.: +91 8970700045, www.satyukt.com

UNIVERSITI MALAYA

Certificate of Completion

This certificate is presented to

SANJAYPRANAV, V.M.

In recognition of hardwork and dedication in completing the

INTERNSHIP
for
MOBILITY PROGRAMME

From 1st July 2022 to 31st November 2022
at Faculty of Computer Science & Information Technology
Universiti Malaya

PROFESOR DR. LOO CHU KIONG
Dean
Faculty of Computer Science & Information Technology
Universiti Malaya

UNIVERSITI MALAYA

Certificate of Completion

This certificate is presented to

SARAN PRASATH, A.R.

In recognition of hardwork and dedication in completing the

INTERNSHIP
for
MOBILITY PROGRAMME

From 1st July 2022 to 31st November 2022
at Faculty of Computer Science & Information Technology
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Dean
Faculty of Computer Science & Information Technology
Universiti Malaya

OptiSol
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TO WHOM IT MAY CONCERN

07th December 2022

This is to certify that **Mr. Saravana Prabhu Ananth (Register no: 1934039)** has successfully completed his internship program as **Data/ML Engineer** on his project assignment "**Workplace Posture Corrector**" with **OptiSol Business Solutions Private Limited** located at Baid Hi-Tech Park, Thiruvanmiyur, Chennai. His internship tenure was from **07th July 2022 to 07th December 2022**.

His performance during this internship has been exemplary. He showed good aptitude and motivation to learn new technology stacks and had been a great addition to our team. We wish him all the very best in his future endeavours.

For OptiSol Business Solutions Private Limited

Vaishnavi Devi K

HR Executive

331 Sharp Nagar
Kalapatti Road
Coimbatore 641 048 India
M: +91 95850 92211
oxogon.co

30 November 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. M. Sarika (Roll No. 1934040)** from **Coimbatore Institute of Technology** has successfully completed her internship with us from 10/07/2022 till 30/11/2022.

M. Sarika worked on the project named; **Sales Engagement and Enrichment using Natural Language Processing Techniques**.

We found her extremely inquisitive and hard working. She was very much interested to learn the functions of our core product and also willing to put her best efforts and get into the depth of the subject to understand it better.

Her association with us was very fruitful and we wish her all the best in her future endeavors.

Her mentor at the time of internship was **Mr. Vinodh Kumar K.**

For **Oxogon Technologies Private Limited**

Nandha Kumar Nagaraj
Director - TA

Bosch Global Software
Technologies Private Limited
(CIN:
U72400KA1997PTC023164)
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.bosch-softwaretechnologies.com

LETTER OF REFERENCE

Internship Completion Certificate

Date: 06.12.2022

This is to certify that **Shamruthi R (E.No : 34822504)** from **Coimbatore Institute of Technology** has carried out an internship on **"TI Minimal System - OPENVX and Testing"** from **04-Jul-2022** to **30-Nov-2022** under the guidance of **Ahilan K (MS/ESK-XC)**.

We appreciate your valuable contribution and wish you success in your future endeavours.

Bosch Global Software Technologies Private Limited.

pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Digitally signed by pki, BOSCH, APAC, M, A, MaheshKishore.Punjabi
Date: 2022.12.06 13:08:45 +05'30'

Mahesh Kishore Punjabi
Senior Project Manager
Human Resource

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Managing Director: Mr. Dattatri Salagame
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Contact: connect@in.bosch.com

Mitacs

Certificate of Program Completion

This certifies that

Sharulatha Nagarajan

has successfully completed a

Mitacs Globalink Research Internship

effective December 2022.

Project Title : Building Question Answering System Using Self-supervised Learning

Host University : Athabasca University – Edmonton

Host Professor : Dunwei Wen

Mitacs Globalink Research Internship

Globalink Research Internships are 12 weeks in duration and interns are required to work 40 hours per week.

Gail Bowkett
Vice President, Programs

COIMBATORE INSTITUTE OF TECHNOLOGY

Coimbatore - 641 014

(An Autonomous Institution Affiliated to Anna University, Chennai)

Dr. J. SHANA
Associate Professor & Head In-Charge
Department of Computing - Artificial Intelligence and Machine Learning

09-12-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Shruthi J (1934043), pursuing VII-Semester, M.Sc. Artificial Intelligence and Machine Learning, Coimbatore Institute of Technology, Coimbatore have undergone an internship in our organization. The problem statement was given by her external guide Dr. Nagarajan Natrajan, Principal Researcher, Microsoft, Bangalore We state on record that Shruthi has successfully completed an internship project **"Automatic suggestions for sentence completion and short replies"** at Coimbatore Institute of technology from 04-08-2022 to 09-12-2022.

During the internship, she was found fully committed to her job and totally sincere towards the organization. Her performance exceeded expectations and was able to complete the project successfully

(Ms N. Priyadharshini Jayadurga)

09/12/22

Dr. J. Shana
Associate Professor
Dept. of Computing (AI & ML)
Coimbatore Institute of Technology
Coimbatore - 641 014

Dr.Nagarajan Natrajan
(Principal Researcher, Microsoft)

E-mail : shaha@cit.edu.in
Phone : 8248884711

Robert Bosch Engineering and Business Solutions Private Limited - (CIN: U72400KA1997PTC023164)
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA
Tel +91 80 6657-5757
Fax +91 80 6657-1404
www.bosch-india-software.com

Internship Interim Certificate

Date: 29.11.2022

This is to certify that **Sidharth S (Register Number: 1934044)** has carried out an internship on the topic **"Analyzing Software Using Machine Learning"** from 04.07.2022 to till date as Project Trainee (ETB-PJ-PMArc-PS) under the guidance of **Dr. Saravanakumar C Shanmugam (MS/ETB3-PS)** and will be completing his internship on 30.11.2022.

Robert Bosch Engineering and Business Solutions Private Limited.

Signature Here

pki, BOSCH, APAC, S, A, Saravanakumar .CShanmugam

Digitally signed by pki, BOSCH, APAC, S, A, Saravanakumar.CShanmugam
Date: 2022.12.05 17:02:02 +05'30'

Bosch Global SoftwareTechnologies.
CHIL-SEZ IT Park,
Keeranatham Village, Saravanampatty,
Coimbatore – 641035
Tel: +91 422 667 4001

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **Sneka P (1934045)** has done her Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee (MS/EHG3-SD)**.

As a part of her internship, she has been working on the topic "**HAND GESTURES RECOGNITION**", from the period of **04.07.2022** to **15.12.2022**.

KARTHIK KANNAN. M

Karthik Kannan M
PROJECT MENTOR

Starkfo Technologies

R.M Colony, East Govindapuram, Dindigul, Tamil Nadu – 624001
57, Bharathiar St, Maharani Avenue, P N Pudur, Tamil Nadu – 641041
E-mail: info@starkfo.com | MSME: UDYAM-TN-06-0025522
www.starkfo.com

INTERNSHIP CERTIFICATE

This is to confirm that SREEKANTH S, an M. Sc. (Artificial Intelligence & Machine Learning) student from Coimbatore Institute of Technology, completed a four month internship with Starkfo Technologies from September 2022 to December 2022 under the supervision of Mr. K. Karthic Kumar (Industry mentor).

Project: Mobile Based Driver Drowsiness Alert System

We observed him to be energetic and capable throughout his employment, carrying out all tasks as delegated. It was determined that his performance during the internship was more than satisfactory.

He has our best wishes for success in all of his future efforts.

Congratulations on your internship!

Best Wishes,

Karthic Kumar (Chief Technical Officer),

ELYSIUMPRO
INSPIRING THE LEADING EDGE TECHNOLOGIES

Ref No.:ElYPRO/BC/DEC/01

6th DECEMBER 2022

TO WHOM IT MAY CONCERN

This is to certify that **SRIJITH S (1934047)** from Department of AI&ML(Msc Artificial Intelligence and Machine Learning) in Coimbatore Institute of Technology has successfully doing his Internship in **Elysium Pro** as **Python developer** role.

As a part of his internship, He is hard-working and dedicated to the work and holds the good potential to learn new things. He has done an amazing job during the internship and he has been working on the topic "**HEART DISEASE IDENTIFICATION IN E-HEALTH CARE**", from the period of 10th August 2022 to 30th December 2022.

For the Elysium Pro

ELYSIUM PRO
COIMBATORE 44

BUSINESSONBOT PRIVATE LIMITED
www.businessonbot.com

104, Vandana Elite, 1st Cross,
1st Main, Koramangala 1st block,
Bangalore, Karnataka, India, 560034

2nd December 2022
Sriram S

Dear Sriram,
This is to certify that you have participated in the internship program as "SDE - Intern" in the project "**E-commerce chatbot using RASA**" starting from 7th July 2022. We are pleased to have received your best efforts, ideas and knowledge.

BUSINESSONBOT PRIVATE LIMITED

Signed by Mohit Kumar:

On behalf of Businessonbot Private Limited

UNIVERSITI MALAYA

Certificate of Completion

This certificate is presented to

SUBASH, S.

In recognition of hardwork and dedication in completing the

INTERNSHIP
for
MOBILITY PROGRAMME

From 1st July 2022 to 31st November 2022
at Faculty of Computer Science & Information Technology
Universiti Malaya

PROFESOR DR. LOO CHU KIONG
Dean
Faculty of Computer Science & Information Technology
Universiti Malaya

December 2, 2022

To whom it may concern

This is to certify that **Ms. Subika T (Roll No: 1934050)** pursuing the five years integrated M.Sc. Artificial Intelligence and Machine Learning at Coimbatore Institute of Technology is working as an intern at Frshr technologies Pvt. Ltd. for 6 months since 10th May 2022. She is working on the project titled **"Person Identification using GAIT and Pose Signature".**

With reference to our discussion, we are pleased to extend her internship with designation "AI Intern" in our organization. Her internship extension period is from 10th November 2022.

Best Regards,

Narendar Lokwani, CEO
Frshr Technologies Pvt. Ltd.
96202 24265
Bangalore

COIMBATORE INSTITUTE OF TECHNOLOGY
Coimbatore - 641 014
(An Autonomous Institution Affiliated to Anna University, Chennai)

Dr. J. SHANA
Associate Professor & Head In-Charge
Department of Computing - Artificial Intelligence and Machine Learning

09-12-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Surya (1934051), pursuing VII-Semester, M.Sc. Artificial Intelligence and Machine Learning, Coimbatore Institute of Technology, Coimbatore have undergone an internship in our organization. We state on record that Surya has successfully completed an internship project **"Image Captioning using Deep learning Algorithms"** at Coimbatore Institute of technology from 22-08-2022 to 30-11-2022.

During the internship, he was found fully committed to his job and totally sincere towards the organization. His performance exceeded expectations and was able to complete the project successfully.

With Best Regards,

Dr. B. Mahalakshmi
(Assistant Professor)

09/12/22
H.O.D (i/c)

Dr. J. Shana
Associate Professor
Dept. of Computing (AI & ML)
Coimbatore Institute of Technology
Coimbatore - 641 014

E-mail : shana@cit.edu.in
Phone : 8248884711

Leaders of AI & ML

AIQUANTUM SMART SOLUTIONS PVT. LTD.

(Registration No.: U72900KA2022PTC160286)
Unit-14, Science & Technology Entrepreneur's Park (STEP), National Institute of Technology Karnataka (NITK), Surathkal, Srinivasnagar PO, Mangaluru-575025 (D.K.), Karnataka, India, Contact: +91-9741072082, +91-9654463102
E-mail(s): director@aiquantumsmartsolutions.com;aiquantumss@gmail.com
website: https://aiquantumsmartsolutions.com

Ref. No: AIQSS/Internship/2022/002 Date: 31-10-2022

CERTIFICATE

This is to certify that **SURYA R E** has successfully completed virtual summer Internship in the area of Machine Learning & Deep Learning with Applications at AIQuantum Smart Solutions Private Limited, Science and Technological Entrepreneurship Park (STEP), National Institute of Technology Karnataka (NITK), Surathkal, Karnataka, India from **22-08-2022 to 03-10-2022.** During his internship period, he has worked on a project titled "**Deep Learning Algorithms for Image Captioning".**

During his internship he has demonstrated his skills with self-motivation to learn new skills in the area of Machine Learning and Deep Learning. His performance exceeded our expectations and he was able to complete the internship project on time.

We wish him all the best for his upcoming career.

Yours Sincerely,

(DR. SHYAM LAL)
DIRECTOR

AIQUANTUM SMART SOLUTIONS PVT. LTD.
NITK-STEP, Surathkal, Srinivasnagar P.O.
Mangaluru-575025, Karnataka, India

KANINI
Excellence Redefined

KANINI/HR/2022/IN00006 13-Dec-22

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Tanuja A**, student of **Coimbatore Institute Of Technology**, has successfully completed the internship with the **Data Practice team** in KANINI Software Solutions India Private Limited, from **14-July-2022 to 15-September-2022** as per the academic requirement.

During the internship period, Tanuja A expressed curiosity in learning and earned a required technical knowledge in the given subject area. She was a good team player and was able to complete the internship successfully.

With best wishes,
for **Kanini Software Solutions**

Vijayalakshmi Subramaniam
Vice President - Human Resources

CONFIDENTIAL

350 Victoria St, Toronto,
ON M5B 2K3, Canada

TO WHOMEVER IT MAY CONCERN

2nd December 2022

This is to certify that **TARUN KUMAR I S (1934053)** has done his Internship with **Ryerson University** as **Research Intern.**

As a part of his internship, he has been working on the project "**AUTOMATED VALUATION MODELS FOR PREDICTING HOUSING PRICES USING MACHINE LEARNING**", from the period of **12/07/2022** to **30/11/2022**.

Dr. Murtaza Haider
Professor
Department of Real Estate Management
Ted Rogers School of Management

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **VAISHALI K (1934054)** has done her Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee in MS/ETA-7**.

As a part of her internship, she has been working on the topic "**AUTOMATIC TEST REPORT GENERATION USING ROBOTIC FRAMEWORK**, from the period of 4th **July 2022** to **30th November 2022.**

SAKTHIVEL KUMARESAN(MS/ETA-7)
PROJECT MENTOR

Bosch Global SoftwareTechnologies.
123, Industrial Layout,
Hosur Road, Koramangala
Bengaluru 560095 INDIA

TO WHOM IT MAY CONCERN

28th NOVEMBER 2022

This is to certify that **"VARSHA B (19 34 055)"** has done her Internship with **Bosch Global Software Technologies PVT LTD** as **Project Trainee in MS/ECP-6/XC**.

As a part of her internship, she has been working on the topic "**FAILURE IDENTIFICATION AND VEHICLE CONTROL UNIT LOG TRACES USING DEEP LEARNING ALGORITHM** ", from the period of **04/07/2022** to **30/11/2022**.

Himanshu Goyal

HIMANSHU GOYAL (MS/ECP6/XC)
(PROJECT MENTOR)