



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**


<b>Event Name</b>	Current Job Opportunities for E & E Engineers
<b>Theme</b>	Placement opportunities
<b>Date</b>	25-02-2023
<b>Venue</b>	Room no.305B-Block , DSATM



**Objective:** The objective of this event was to educate and suggest second year students about Current Job Opportunities for E & E Engineers

**Purpose:** The students were able to understand current Job profiles and their requirements

**About the Program:** An Alumni Tech talk on "Current Job Opportunities for E & E Engineers" by Mr. Lokesh N Software at Continental Automotive was organized for 3<sup>rd</sup> Semester Students on 25<sup>th</sup> Feb 2023. Mr. Lokesh N addressed the students about the current scenario in the Job Market and What are the major career paths for EEE Engineers

**ALUMNI INTERACTION**

  
DSATM



Lokesh N, 2021 Passing out batch interacted with 3<sup>rd</sup> Semester Students

**Resource person/ participants:**

**Mr. Lokesh N**

**Software Engineer at Continental Automotives**

3<sup>rd</sup> Semester students of Electrical and Electronics Engineering Branch.

**Vision:**

To suggest the second year students about the career opportunities and what are major career paths they could major in further.

*RSS*

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**Dayananda Sagar Academy of**  
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Udayapura, Kanakapura Road,  
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## DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)

(6 Branches CSE, ISE, ECE, EEE, ME& CE Accredited by NBA, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082



### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Measurable outcomes:

- The students are able to list at least one major career path they are interested in exploring further.
- The Students will learn to Market themselves effectively to prospective employers (through written documents, online presence, and skillful interviews)

HOD's Signature

HOD Department of Electrical & Electronics Engg.  
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Dayananda Sagar Academy  
Technology & Management  
Udayapura, Kanakapura Road,  
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**Embedded Software developer:** Highly-motivated employee with desire to take on new challenges. Strong worth ethic, adaptability and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

**Phone:**  
+91 9741823656

**E-Mail:**  
Lokeshnarashima23@gmail.com  
**LinkedIn:**  
<http://linkedin.com/in/lokesh-n-a4833b1b4>

## Skill Highlights

Teamwork and Collaboration  
Agile/Scrum Methodology  
Software Testing and Validation  
Programming Languages: C, Python  
Testing and Debugging  
JIRA  
Test Development  
Software Development Standards  
Time Management and Organization

## Languages

English  
Kannada

## Experience

01/2022 - Current

- Worked on the Ethernet Protocol.
- AUTOSAR Communication Stack.
- ASPICE V cycle (SWE.1 to SWE.6).
- Code optimization based on MISRA guidelines.

## Education

2017-2021

**Bachelor of Engineering: Electrical and Electronic -**  
*Dayananda Sagar academy of technology and management*  
Bengaluru CGPA: 9.05

**PUC, Jyothi kendriya Vidyalaya comp pu college**  
2016 – 2017 | Bengaluru Karnataka Pu Board, PCME, 89.6%

**X, Prarthana Education society 2015 | Bengaluru**  
CBSE, CGPA : 8.6

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

<b>Event Name</b>	Importance of Aptitude in Placement and Aptitude Solving Techniques
<b>Theme</b>	Placement opportunities
<b>Date</b>	11-03-2023
<b>Venue</b>	Room no.305B-Block , DSATM


**Objective:** The objective of this event was to educate the students about the importance of Aptitude in Placement and some Aptitude Solving Techniques





**Purpose:** The students were able to understand the need for aptitude and some techniques or shortcuts for Aptitude solving

**About the Program:** An Alumni talk on "Importance of Aptitude like Quantitative and Verbal Aptitude, Logical Reasoning in Placement and Aptitude Solving Techniques" by Mr. Lokesh N Software Engineer at Continental Automotive, Mr. Sumanth Kashyap, Python Backend Developer at GSTZEN, Mr. Abhishek A, Associate Software Engineer, Bosch Global Software was organized for 6<sup>th</sup> Semester Students on 11<sup>th</sup> March 2023.

The placement session for 6<sup>th</sup> sem students start from the month of August-September 2023, hence the alumni addressed the techniques in Quantitative and Verbal Aptitude, Logical Reasoning and gave them tips to solve these Aptitude Problems effectively. The techniques and tips shared by the alumni can help the students crack the company aptitude sessions.

### ALUMNI INTERACTION





Lokesh N, Abhishek A and Sumanth Kashyap 2021 Passing out batch interacted with 6<sup>th</sup> Semester Students

  
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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Resource person/ participants:

**Mr. Lokesh N,**

**Software Engineer at Continental Auto motives,**

**Mr. Sumanth Kashyap,**

**Software Engineer at GSTZEN,**

**Mr. Abhishek A,**

**Associate Software Engineer, Bosch**

#### Participants

6<sup>th</sup> Semester students of Electrical and Electronics Engineering Branch.

#### Vision:

To effectively clear aptitude sessions of Companies during placements

#### Measurable outcomes:

- Aptitude testing can help identify an individual's vocational strengths and weaknesses in specific areas, which can help them, succeed in a particular job or career.
- To help identify strengths and weaknesses of the students

HOD Signature

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# ABHISHEK A

## ASSOCIATE SOFTWARE ENGINEER



7022144893



BENGALURU



abhisheka206007@gmail.com



<https://www.linkedin.com/in/abhishek-anandakrishnan-sharma/>

An engineer working at Bosch Global Software Technologies who curiously looks to learn new things to find a new better application in the field of technology.

### EDUCATIONAL HISTORY

#### DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

BACHELOR OF ENGINEERING IN  
ELECTRICAL AND ELECTRONICS  
ENGINEERING,  
CLASS OF 2021

- CGPA 8.64

### PROFESSIONAL HISTORY ENGINEER

BOSCH GLOBAL SOFTWARE TECHNOLOGIES |  
SEPTEMBER 2021 - PRESENT

- Part of a team that is involved in the development, design and testing of Gasoline & Diesel Particulate Filters in the exhaust systems of an automobile
- Associate Responsible for BMW and VW-Audi lines for Diesel Particulate Filters
- Supporting the development of new HCPI ECUs, Battery Management Systems, Secondary Air Systems

### PUBLICATIONS

Rachit Raj, Parth, Tushar Kashikar, Abhishek A, Kiran R, Dept. of EEE, DSATM, Bengaluru - "*Artificial Intelligence-Based Battery Management Systems for Li-Ion Batteries*", 2021  
[http://www.tjprc.org/view\\_paper.php?id=15587](http://www.tjprc.org/view_paper.php?id=15587)

### PROJECTS

- **Track Sensing Robot**

An Arduino based path sensing robot that follows the path based on the sensors used

- **Electric Bike**

An electric bike using 1KW BLDC motor and 10Ah Li-ion battery with a range of 15 Kms and a top speed of 62.8 kmph

- **UV Sterilization and Sanitizing System**

With sanitization of commercial and groceries products in need due to the outbreak of Covid-19, a germicidal system on the principle of UV radiation was built to protect from virus

- **Battery Management System**

A battery monitoring system for Li-ion batteries used in electric vehicles

- MATLAB
- Circuit Design
- Python
- C language
- Internet of Things
- Embedded Systems
- Electric Vehicles Technology
- C++
- Digital Logic
- Prototyping
- LabView

### SKILLS

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# Sumanth Kashyap

📍 Bengaluru | 📞 94821-71096 | ✉️ sumanth.bhi@gmail.com | 🌐 LinkedIn | 🐙 GitHub

## EXPERIENCE

### Full-Stack Developer (Python, Django, React)

Oct 2022 – Present

CloudZen Software Labs Pvt. Ltd. 🌐

Bengaluru, KA

- Developed key analysis reports to keep up-to-date with accounting standards
- Migrated UI/UX of two main customer-facing applications for better user interaction
- Migrated 5+ key multi-page products to reactive page for better feedback to the user on the background process. This prevented users from unnecessarily reloading the page, in turn preventing duplicate API calls to the GST portal.
- Developed PAN level intelligent invoice matcher to match User and Portal invoices for reconciliation process

### Lead RPA Developer | Python Automation Developer (Python, UiPath, vbNet)

Sep 2021 – Present

Vanward Info. Tech. LLP

Bengaluru, KA

- Led team to develop 4 end-to-end RPA bots to automate processes
- Saved 30 employee equivalent manpower to the customer
- Developed 8+ Python scripts and 20+ vb.Net scripts to process documents during the RPA process
- Developed 5 Python executables(.exe) with GUI(tkinter). This will be invoked by the bot for human interaction. The user gives the input and the values is integrated to the process loop

### Image Processing Intern (MATLAB)

Jun 2020 – Aug 2020

Ximax Solutions

Bengaluru, KA

- Developed Image Processing algorithms using MATLAB to understand and implement Video-based license plate reader, Motion Tracking, Shape Recovery on Low Quality or Missing Images, Drowsiness Detection, Image compression using Wavelets, OFDM modulation, and Demodulation.
- Implemented Hough Transform-based algorithm to assist the detection of pole star position in a star trail photography.

## OTHER PROJECTS

### House Price Prediction (with REST API) 🌐 | Python, Flask, Heroku, Docker

Jun 2022 – Aug 2022

- Implemented end-to-end process for California House Price Prediction with Python, Flask and Heroku.
- Developed custom logging module to track the logs and errors during execution.
- Under EDA, used KNNImputer to fillout the missing values.
- Generated data drift report with evidently. Analysed output to prevent degradation of model data.
- Converted dataset to a usable format and prepared data, fit for training process with help of scikit-learn tools.
- Compared performance of Linear Regression and Random forest regression algorithm output for optimal performance. Used GridSearchCV to get best hyperparameters for the models.
- Implemented modular style pipeline with OOPs. Deployed the Flask app to Heroku on a docker container.
- Implemented REST API to access prediction model.

## TECHNICAL SKILLS

Languages: Python, CSS|SCSS, SQL, Javascript, vb.NET

Frameworks: Django, React, Bootstrap, Flask

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Developer Tools: Git, VS Code, UiPath, Docker

## EDUCATION

### Dayananda Sagar Academy of Tech. and Mgmt.

Bengaluru, KA

Bachelor of Electrical and Electronics Engineering - CGPA: 8.58

Jul 2017 – Jul 2021

## CERTIFICATIONS

### Full Stack - Data Science

iNeuron.ai

Nov, 2021 – Oct, 2022

### Deep Learning Specialization

deeplearning.ai

Completed 5/5

### Machine Learning

Coursera

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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Vision:

To suggest the third year students about the career opportunities available after their graduation.

#### Measurable outcomes:

- To help individuals identify careers that match their skills, interests, and personality traits
- To Develop career goals for the students
- To Overcome career obstacles

  
Signature of HOD

HOD Department of Electrical & Electronics Engg.  
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

<b>Event Name</b>	What's next for EEE Graduates after their Engineering?
<b>Theme</b>	Career guidance
<b>Date</b>	08-04-2023
<b>Venue</b>	Room no.305B-Block , DSATM

**Objective:** The objective of this event was to educate and suggest third year students about career opportunities after their graduation



**Purpose:** The students were given an overview of what possible career options they have after their graduation


**About the Program:** An Alumni Tech talk on "What's next for EEE Graduates after their Engineering?" by Mr. Krishna Gopalan Singh Business Analyst at Global Foundries was organized for 6<sup>th</sup> Semester Students on 8<sup>th</sup> April 2023

The students were given an overview of top career options after Engineering like pursuing higher studies, Join any Public Sector Undertakings; Try to crack Civil services, Becoming Entrepreneurs, Look for internships, improving their skillsets etc.

It is very essential to guide the students who are confused about choosing the Right Career after Graduation, this session was aimed at that.

**ALUMNI INTERACTION**



  
DSATM

Krishna Gopalan Singh, 2016 Pass out batch interacted with 3<sup>rd</sup> & 6<sup>th</sup> Semester Students

**Resource person/ participants:**

**Mr. Krishna Gopalan Singh**

**Business Analyst at Global Foundries**

6<sup>th</sup> Semester students of Electrical and Electronics Engineering Branch.

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# KRISHNA GOPALAN SINGH

#208, SV Lake View Apartment, HSR Layout, Bengaluru, India – 560102| Tel: +91-9910306349, Email: krishnamicro1@gmail.com

## EDUCATION

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### Great Learning, Bengaluru

#### PGP, Data Science and Business Analytics

Jun 2020 – Aug 2021

- Learned EDA, Inference analysis, Predictive analysis (Regression, Classification etc.,) and forecasting.
- Learned working with both structured and unstructured data

### Dayananda Sagar Academy of Technology and Management, VTU University, Bengaluru

#### Bachelor of Engineering, (B. E.), Electrical and Electronics, 62% (First Class)

Sep 2012 – Jan 2017

- Attended National Workshop on 'Tropical and Emerging Smart Grid Technology – An Overview' (Nov 2015)
- Editorial Team Head of Departmental News Paper

## PROFESSIONAL EXPERIENCE (6+ Years in Data Analysis and Product Management)

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### GlobalFoundries Engineering Pvt. Ltd

May 2022 - Present

*Experience in data analysis using Python, Excel and PowerBI*

#### Senior Specialist HR Data Analyst

- Continuously analyzing HR data to provide actionable insights that support ongoing business decision-making within the HR domain.
- Currently, developing and implementing statistical models to analyze HR data, identify emerging trends, and predict future outcomes
- Actively collaborating with cross-functional teams to define evolving data requirements and develop data-driven solutions that align with the organization's objectives.
- Consistently extracting and cleaning data from diverse sources, ensuring the ongoing quality and integrity of the data used for decision-making
- Continuously conducting exploratory data analysis using statistical methods and tools like Python, Excel, and KNIME to uncover valuable insights and patterns
- Regularly creating visual dashboards using Power BI to effectively communicate insights derived from HR data analysis to stakeholders and decision-makers

### HirePRO Consulting Pvt. Ltd

Aug 2021 - May 2022

*Analyzing client based on previous assessments records for account renewal and business growth*

#### Senior Business Analyst

- Understanding the business requirement directly from the client, analyzing, implementing and performing validation against them quickly and creating business performance metrics
- Providing business critical analytical insight to client and measuring yield against the same
- Designing and developing reports, documents and dashboards as per specified requirements, timelines and presenting them in a variety of formats to the clients
- Assisting clients in enhancing their domain expertise by offering innovative hiring strategies to ensure the recruitment of high-quality talent for current and future needs
- Examining and managing client billing records on a regular basis to forecast future demand and anticipate client expansion trends over time
- Owning relationships with existing clients and providing usage adaption analysis to ensure account renewal and foster account growth

### Zenefits Technologies India Pvt. Ltd., Bengaluru

Sep 2019 – Aug 2021

*Experience in data analysis using statistical methods*

#### Product Specialist, Sift Consultancy

- Leading and guiding team members to consistently deliver products and services that not only meet but exceed business requirements
- Developing work schedules and actively monitoring workflow to successfully achieve established goals and objectives
- Overseeing and analyzing complete employee records within the Zenefits application to ensure data accuracy and compliance
- Serving as the single point of contact for customers during escalations, managing executive and VP-level discussions and expectations through meetings and ongoing communication
- Strategically managing client relationships to establish a reputation for delivering excellent service and fostering repeat business
- Leveraging mathematical techniques to analyze data and translating analysis results into actionable business recommendations
- Demonstrating expertise in Excel and proficiency in statistical data analysis to drive data-driven decision-making within the organization

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**Crossdomain Solutions Pvt. Ltd., Bengaluru**

**Mar 2017 – Sep 2019**

*Knowledge process outsourcing services' provider in the areas of payroll and HCM in Indian markets*

**Implementation Consultant, PeopleWorks**

- Demonstrated expertise in effectively managing and servicing large accounts catering to HR and management professionals
- Pioneered a practice of sharing regular reports and dashboards with clients, significantly enhancing their trust in the company's services
- Actively engaged with clients, converting leads into valuable clients by gathering their requirements and configuring the application to align with their specific processes
- Proficiently managed client policies within the application, facilitating seamless integration of changes into the system to meet evolving client needs
- Offered comprehensive application and business expertise to customers, ensuring they derive maximum value from the services provided
- Led efforts to migrate client data into the application, meticulously conducting UAT to ensure optimal system performance and data integrity
- Conducted product training sessions and knowledge transfers, equipping clients with the necessary skills and know-how to effectively utilize the application
- Provided ongoing support and assistance to clients, ensuring a seamless and productive experience with the company's products and service

**Jay Prakash Narayan International Airport, Patna**

**July 2014**

*Owned by Government of India*

**Intern**

- Acquired in-depth knowledge of the entire electrical network at the airport, including its infrastructure and systems
- Gained expertise in the operation and maintenance of various heavy electrical and electronic equipment deployed throughout the airport
- Developed practical experience in managing and troubleshooting electrical systems and equipment critical for airport operations
- Demonstrated a strong commitment to safety protocols and regulatory compliance while working with high-voltage electrical systems
- Worked closely with airport maintenance teams to ensure the smooth operation of electrical systems and equipment
- Maintained a proactive approach to learning and adapting to new technologies and advancements in the field of electrical engineering

**ACADEMIC PROJECTS AND PAPERS PRESENTED**

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- Paper Presented – 'Placement of DSTATCOM in an IEEE 14 Bus System using ANN to reduce voltage sag' in National Conference on Convergence of Science, Technology and Management, 2016 (May 2016) – Awarded Best Paper
- Paper Presented – 'Organic Solar Cell' in National Conference on Green Computing Technologies (May 2015) - Organic solar cells are one of the emerging photovoltaic (PV) technologies and are classified as third-generation solar cells with organic polymer material as the light absorbing layer.

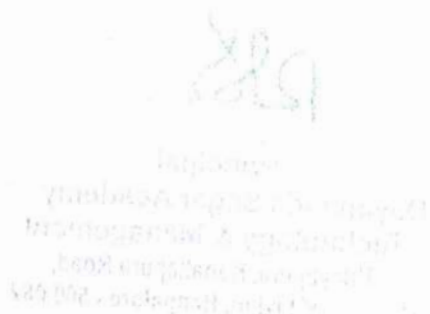
**VALUABLE SKILLS**

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- Proficiency in Python, Advance Statistics Techniques, Tableau, Power BI, Human Capital Management Tool and Excel
- Knowledge of Machine Learning algorithm like Linear and Logistic Regression, KNN Classification, Decision Tree and Text mining



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

<b>Event Name</b>	Career in Software for EEE Graduates
<b>Theme</b>	Placement opportunities
<b>Date</b>	13-05-2023
<b>Venue</b>	Room no.305B-Block , DSATM


**Objective:** The objective of this event was to educate about career opportunities in Software for EEE Students

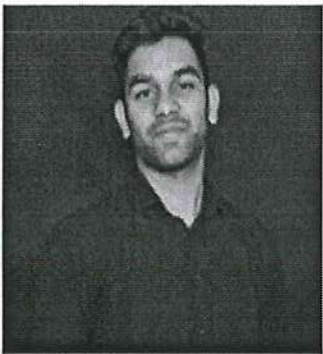
**Purpose:** The students were given an outline about the possible career opportunities in Software for EEE Graduates

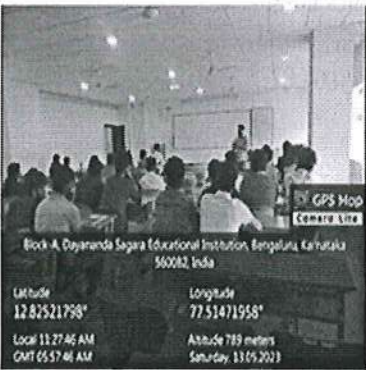
**About the Program:** An Alumni Tech talk on “Career in Software for EEE Graduates” by Mr. Prashanth Software Engineer at HCL Technologies was organized for 6<sup>th</sup> Semester Students on 13<sup>th</sup> May 2023.

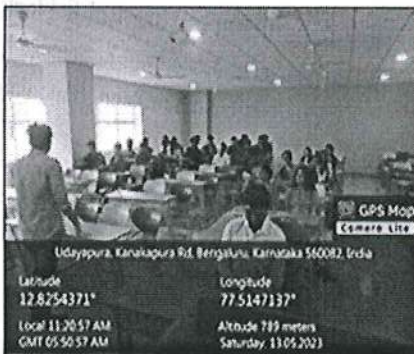
Mr. Prashanth addressed about the possible certification courses that the students can undergo for a possible career in Software Industry. He spoke about the various verticals in domain of Computer Science and Information Technology and what skills are required to enter these domains.

### ALUMNI INTERACTION









Prashanth, 2015 Passing out batch interacted with 6<sup>th</sup> Semester EEE Students

**Resource person/ participants:**  
**Mr. Prashanth**  
**Software Engineer at HCL Technologies**

6<sup>th</sup> Semester students of Electrical and Electronics Engineering Branch.

  
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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Vision:

To create awareness about the domains of Computer Science and Information Technology

#### Measurable outcomes:

- To pursue additional education required for Software domain
- To Specialize in a programming language

HOD's Signature

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# Prashanth Jagadish

## Personal Info

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KARNATAKA, 560076, INDIA.

**Contact:** +91 9901017729

**Email:**  
prashanthjagadish3@gmail.  
com

## FnO Modules

Procurement & Sourcing

Inventory Management

Product Information Mgmt

Sales & Marketing

Advance Warehouse Mgmt

Accounts Payable

Accounts Receivable

Fixed Asset

## Certifications

MB-300 Microsoft Dynamics  
365: Core Finance and  
Operations

MB-330 Microsoft Dynamics  
365: Supply Chain  
Management

MB-920 Microsoft Dynamics  
365 Fundamentals (ERP)

Enthusiastic team player with strong interpersonal skills, seeking a challenging career in Microsoft Dynamics D365 FnO with relevant experience of 4.5 years and overall industry experience of 7.5 years.

Expertise as a SCM Functional consultant (Microsoft Certified) who is responsible for requirement gathering, preparing BRD, FDD and other documentation required for sign off processes. Configuring Business processes in Ax2009 & Ax2012 with advanced knowledge on Procurement & Sourcing, Sales & Marketing, Product Information, Inventory & Advance Management Warehouse and practised with Demand & Master Planning, AP, AR & GL and workflow configuration.

## Work Experience

APR/2022 -  
Current

**Senior Consultant (Team Lead):** HCLTech, Bangalore.

**Project:** Smith & Nephew – Ax2009 & Ax2012

**Type:** Support & Enhancement

- Handled entire Market & GDC Business process support activities.
- Monitored the daily EDI and critical batch jobs for smooth business run.
- Successfully run governance meetings with all regions to bridge the gap and help business run smoothly.
- Prepared Knowledge documents and updated Runbooks for team reference.
- Working collaboratively with FIN & TECH teams to understand the processes and have them fulfilled as per requirement.
- Weekly Collaboration calls with team and internal project handling methodologies.
- Managing overall functions of support involving Meeting SLA, taking ownership of functional and accounting issues, interacting with clients frequently and resolving the issues by providing effective resolution with detailed RCA.
- Handled CR's as per client requirement to enhance the business process and have them delivered on timely basis.

FEB/2019 –  
MAR/2022

**Process Associate:** Accenture, Bangalore.

**Project:** Managed Services; Unilever PLC – AX2012 & D365

**Type:** Support

- Resolving Issues logged by super users/users.
- Interacting with technical Engineer's to verify the error and code suggestions with rigorous testing before go-live.
- Interacting with client to discuss on issues and providing the solutions regarding P2P process, Workflow config and Intercompany process.
- Verifying setup & configuration to resolve the recurring issue from the source with clear repro steps document.

  
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## Languages

ENGLISH

HINDI

KANNADA

TAMIL

## Education

2011-2015: **B.E: EEE. (VTU): 70%**

*Dayananda Sagar Institutions*

2009-2011: **PUC: 67.5%**

*Presidency Junior College.*

1999-2009: **ICSE: 65%**

*Bishop Cotton Boy's School*

JUL/2015 –  
SEP/2018

**Executive:** *Appco Marketing - Allies Inc., Bangalore.*

- Responsible for achieving Sales, Marketing targets in terms of quantity and quality.
- Resource planning and territory Management for optimum utilization.
- Handled team in delivering the respective targets.

## Achievements

- Awarded "Most Valuable team Player" in HCLTech.
- Awarded "Best Crew leader" for delivery targets in Allies Inc.,
- Received Multiple Client appreciations and top-level recognition within projects of HCLTech and Accenture.

## Professional Reference

- Mr. Kesavan R: **Delivery Manager**, HCLTech. Email: [kesavan.r@hcl.com](mailto:kesavan.r@hcl.com)
- Mr. Vivek Iyer: **Project Manager**, Accenture. Email: [vivek.iyer@accenture.com](mailto:vivek.iyer@accenture.com)
- Mr. Amit Bhalghat: **Business Head**, Allies inc.,

## Personal Profile

Date of birth: 02-JUL-1993

Alternate Number: +91-9880027651

Alternate Email: [prashanthjagadeeshwaran@outlook.com](mailto:prashanthjagadeeshwaran@outlook.com)

Father Name: (Late) Mr. V A C Jagadish

Mother Name: Vimala Jagadish

Spouse Name: Preethi P

Valid Passport available.

Notice Period: 90 Days

I hereby declare that above statements are true to best of my knowledge.

  
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**Technology & Management**  
Prashanth Jagadish  
Udayapura, Kanakapura Road,  
One Art of Living, Bangalore - 560 082.



# DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

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(6 Branches CSE, ISE, ECE, EEE, ME& CE Accredited by NBA, New Delhi)

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Event Name	Open Day
Theme	Project presentation
Date	19-05-2023
Venue	Machine's Lab EEE

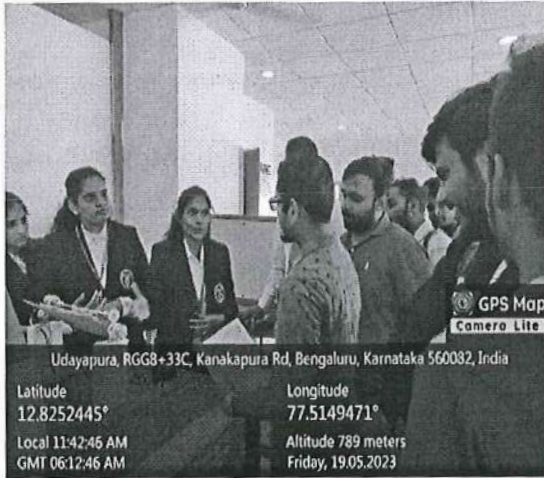
**Objective:** The objective of this event was to educate and suggest final year students about

1. To discuss on the quality of Project.
2. To improvise societal projects to products
3. To get the best projects out of all students

**Purpose:** To guide students in presuming their technical project.

### About the Program:

Two alumni assessed the quality of project done by each batch. They being industry oriented suggested improvisations on each project ideas on their methodology and technical aspects of components thereby improving the quality of UG project work.



*Principal*

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**Embedded Software developer:** Highly-motivated employee with desire to take on new challenges. Strong worth ethic, adaptability and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

**Phone:**  
+91 9741823656

**E-Mail:**  
Lokeshnarashima23@gmail.com  
**LinkedIn:**  
<http://linkedin.com/in/lokesh-n-a4833b1b4>

## Skill Highlights

Teamwork and Collaboration  
Agile/Scrum Methodology  
Software Testing and Validation  
Programming Languages: C, Python  
Testing and Debugging  
JIRA  
Test Development  
Software Development Standards  
Time Management and Organization

## Languages

English  
Kannada

## Experience

01/2022 - Current

- Worked on the Ethernet Protocol.
- AUTOSAR Communication Stack.
- ASPICE V cycle (SWE.1 to SWE.6).
- Code optimization based on MISRA guidelines.

## Education

2017-2021

**Bachelor of Engineering: Electrical and Electronic -**  
*Dayananda Sagar academy of technology and management*  
Bengaluru CGPA: 9.05

**PUC, Jyothi kendriya Vidyalaya comp pu college**  
2016 – 2017 | Bengaluru Karnataka Pu Board, PCME, 89.6%

**X, Prarthana Education society 2015 | Bengaluru**  
CBSE, CGPA : 8.6

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Internal



# ABHISHEK A

## ASSOCIATE SOFTWARE ENGINEER



7022144893



BENGALURU



abhisheka206007@gmail.com



<https://www.linkedin.com/in/abhishek-anandakrishnan-sharma/>

An engineer working at Bosch Global Software Technologies who curiously looks to learn new things to find a new better application in the field of technology.

### EDUCATIONAL HISTORY

#### DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

BACHELOR OF ENGINEERING IN ELECTRICAL AND ELECTRONICS ENGINEERING, CLASS OF 2021

- CGPA 8.64

### PROFESSIONAL HISTORY ENGINEER

BOSCH GLOBAL SOFTWARE TECHNOLOGIES | SEPTEMBER 2021 - PRESENT

- Part of a team that is involved in the development, design and testing of Gasoline & Diesel Particulate Filters in the exhaust systems of an automobile
- Associate Responsible for BMW and VW-Audi lines for Diesel Particulate Filters
- Supporting the development of new HCPI ECUs, Battery Management Systems, Secondary Air Systems

### PUBLICATIONS

Rachit Raj, Parth, Tushar Kashikar, Abhishek A, Kiran R, Dept. of EEE, DSATM, Bengaluru - "*Artificial Intelligence-Based Battery Management Systems for Li-Ion Batteries*", 2021  
[http://www.tjprc.org/view\\_paper.php?id=15587](http://www.tjprc.org/view_paper.php?id=15587)

### PROJECTS

- **Track Sensing Robot**

An Arduino based path sensing robot that follows the path based on the sensors used

- **Electric Bike**

An electric bike using 1KW BLDC motor and 10Ah Li-ion battery with a range of 15 Kms and a top speed of 62.8 kmph

- **UV Sterilization and Sanitizing System**

With sanitization of commercial and groceries products in need due to the outbreak of Covid-19, a germicidal system on the principle of UV radiation was built to protect from virus

- **Battery Management System**

A battery monitoring system for Li-ion batteries used in electric vehicles

- MATLAB
- Circuit Design
- Python
- C language
- Internet of Things
- Embedded Systems
- Electric Vehicles Technology
- C++
- Digital Logic
- Prototyping
- LabView

### SKILLS

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Resource person/ participants:

**Participants:** 8<sup>th</sup> semester Students

### Resource person:

Mr. Abhishek A  
Software Engineer  
BOSCH

Mr. Lokesh N  
Software Engineer  
Continental

### Vision:

To discuss suggest the final year students about the quality of project and areas of improvement for future proceedings on the topic worked.

### Measurable outcomes:

Students will be able to

1. Understand the quality of project they have done.
2. Guided with quality inputs from industry experts regarding the patentable projects, research projects and society oriented projects.
3. Learn how to present their ideas in front of industry expert

  
HOD's Signature

HOD Department of Electrical & Electronics Engg.  
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Udayapura, Kanakapura Road, Bangalore 560 082.



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

<b>Event Name</b>	ALUMNI MEET
<b>Theme</b>	Alumni Interaction
<b>Date</b>	24-06-2023
<b>Venue</b>	B Block Room no 303 , B BlockDSATM

**Objective:** The objective of this event was to arrange the Alumni interaction and guide the students about career opportunities.



**Purpose:** To develop a Good relationship with Alumni as they are important stakeholders of the department.

**Resource person/ participants:**

Alumni / students

**Vision:**

To arrange alumni interaction and guide the students for career opportunities.

**Objectives of the Program/ Event:**

The major objectives of this event are to Interact with the Alumni about the need in Industry and bridge the gap between Industry and academia.

**Details:**

The said event was conducted by Alumni Association and the event went on for full day which includes Introduction of the Alumni Office bearers followed by address by Alumni (President, secretary of DSATM Alumni Association).

**Preferably Measurable outcomes:**

- Bridging the gap between Academia and Industry with the present trend.

  
HOD's Signature

HOD Department of Electrical & Electronics Engg.  
Dayananda Sagar Academy of Technology & Management  
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

<b>Event Name</b>	Career Opportunities for EEE Students in Testing
<b>Theme</b>	Placement opportunities
<b>Date</b>	23-09-2023
<b>Venue</b>	Room no.305B-Block , DSATM


**Objective:** The objective of this event was to educate about career opportunities for EEE Students in Testing


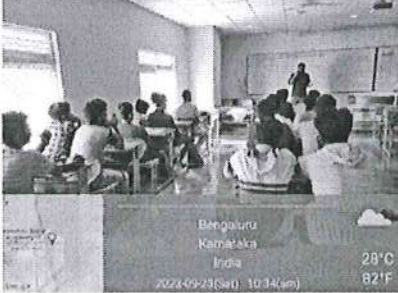
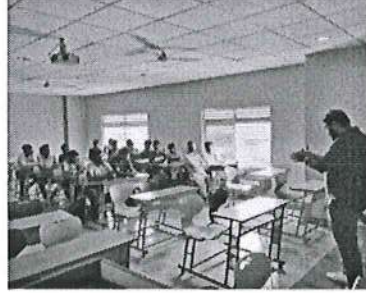
**Purpose:** The students were given a framework about the possible career opportunities in for EEE Students in Testing

**About the Program:** An Alumni Tech talk on “Career in Software for EEE Graduates” by Mr. Nagbhushan K Software Development Engineer in Test at Akamai Technologies was organized for 7<sup>th</sup> Semester Students on 23<sup>rd</sup> September 2023.

Mr. Nagbhushan K talked about the potential certification courses available for students in Testing domain. He spoke about the Job prospects for students post testing certification

### ALUMNI INTERACTION



Bengaluru  
Karnataka  
India  
2023-09-23(Sat) 10:34(am)  
28°C  
82°F

Nagbhushan K, 2016 Passing out batch interacted with 7<sup>th</sup> Semester EEE Students

**Resource person/ participants:**

**Mr. Nagbhushan K Software Development Engineer in Test at Akamai Technologies**

7<sup>th</sup> Semester students of Electrical and Electronics Engineering Branch.

**Vision:**

To create awareness about testing and career prospects in testing domain

**Measurable outcomes:**

- To pursue additional education required for Testing domain

  
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- Performed Smoke, Functional, Sanity, Regression, Usability Tests and Browser compatibility Tests.
- Involved Preparation of basic Traceability Matrix and mapping the Test Cases with the requirements.
- Implemented Selenium using TestNG framework with Java.
- Developed SQL Queries for testing various Database validations. □ Writing automation script for the previous sprint / major release.
- Experience in testing various modules to validate the functional flow of the business logic.
- Reviewing the Test Cases Prepared by the Team Members.
- Interacted with developers for early / effective briefing of the problem leading to better turnaround of the bug fix release.
- Retesting the bug fix and supporting the Regression testing
- Using Bugzilla as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
- Collaborated with team leads of various functions to ensure quality standard and compliance within the team by identifying potential areas of improvement.
- Knowledge of SQL & Web Applications to address queries or build reports to customers quickly.

**PeopleWorks** – A division of Cross-domain Solutions, Bangalore, KA - : Feb - 2017 to Sept 2019.

1. **Junior Engineer** (Oct 17 to Till date)

2. **Software Engineer** (In the payroll of Ssimplify3X Pvt Ltd) (Feb 2017 to Sept 2017)

**Awards:**

1. Won '**Pat on the back**' for testing and implementing "**Shift roster**" module.
2. Received 2 gem cards from the client.
3. Won 'Star of the quarter' award for Q3 2018-2019.
4. 7 appreciations from clients for the best service delivery.

**Certifications:**

1. Undergoing RPA training to build and automate chat bots and customer emails(BAUs).

**Personal details:**

**Date of birth:** 26/10/1994

**Passport No.:** M6113497

**Languages:** Kannada, Hindi & English.

**Address for communication:**

#147, "Srinidhi", 7<sup>th</sup> cross teachers' colony 1<sup>st</sup> stage, near DSI, Bangalore-78 **Educational**

**Qualification:** BE (EEE) From Dayananda Sagar College (VTU).

**Date:** 8<sup>th</sup> /Aug /2019.



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Name: Nagabushan Krishnamurthy

Mobile: 8892870868

Email id:nagabushan94@gmail.com

**Career Objective:**

To secure a challenging position in a reputable organization to expand my learning's, knowledge, and skills.

**Professional Summary:**

- 6+ Years of Information Technology experience in the field of software testing of Web applications (Manual & Automation).
- Working experience in agile (scrum) & Waterfall methodology.
- Proven ability in designing and creating automation frameworks using Java, Selenium WebDriver, TestNG, Cucumber, Maven, Jenkins and other tools and technology.
- Worked on Manual, Automation, Mobile, API, Webservices & Web applications (Angular developed UI) with Experience on various domains such as HRMS, Ecommerce/Retail, Banking, Financial services and Healthcare.
- Experience in the development of Data driven framework in Selenium.
- Excellent working knowledge in test scripts design and development and helping the development team to fix application defects.
- Automating relevant manual test cases using Selenium.
- Excellent knowledge and implementation skills in complete Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- Strong communication, collaboration & team building skills with proficiency at grasping new technical concepts quickly and utilize in a productive manner.
- Experience in customer service as well as ability to identify, develop and enhance client relationships.
- Experience in testing application in various devices i.e. IOS, Android.
- Knowledge on TestNG & JUnit framework for complete system testing.

**Technical Skills:**

Testing Tools	Selenium WebDriver, Postman
Languages	JAVA, SQL, Python
Web Technologies	HTML, XML, CSS, JSON
Scripting	JavaScript, PHP.
IDE & Tools	Eclipse, Intelli J, Simplify – QA.
Test Framework	TestNG, JUnit.
Development Frameworks	Angular
Methodologies	Agile (Scrum), Waterfall.
CI/CD Tools	Jenkins
Other Tools	Jira, Git, Maven, Bugzilla etc.

**Work Experience:**

**Akamai Technologies – (Oct 2019 – Till date)**

- Requirement gathering from BA and Project Managers and preparing Test Plan, Test Scenarios and Test Cases and executing them.



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