

SAUMYA PRIYAM

Lead Engineer and Technical Specialist

Seeking a position to utilize and excel my skills and abilities that offer professional growth while carrying out niche for personal, professional and organizational growth.



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Bengaluru, India



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Education :

B.E in Electronics and

Communication Engineering

First Class with Distinction (75%)

Sir M. Visvesvaraya Institute of Technology

2018 | Bengaluru, Karnataka

Higher Secondary Education (XII) –

Indian School Certificate

(Percentage : 88%)

Bishop Westcott Boys' School

2013 | Ranchi, Jharkhand

Secondary Education (X) – Indian

Council for Secondary Education

(Percentage : 88.8%)

Bishop's School

2011 | Ranchi, Jharkhand

Skills:

- C++
- .NET – VB and C#
- HTML
- Python
- CANalyzer and CANape
- UDS
- GIT, SVN
- DynamoDB and S3 (AWS)
- NI Multisim

Paper Publication :

Published a Technical Paper titled 'Automated Ration Distribution System using RFID/UID and IoT' in International Journal of Advanced Electrical and Electronics Engineering (IJAEED) – Vol. 6, Issue 1-2, 2017.

Work Experience :

Lead and Feature Owner - Robert Bosch (2021 – present)

- Project – Blindness Detection for Bosch FR5 sensor.
- Design and Implementation of features for different blindness scenarios.
- Development, Maintenance and Execution of Test Cases in IBM RQM, DOORS and defect reporting in Tracking tool like T&R and ClearQuest.
- Maintenance and Analysis of Engineering Requirements in IBM DOORS.

Software Engineer (Test) - Robert Bosch (2018 - 2021)

- Project – 1R1V – ADAS for OEMs – FCA, Daimler, VW
- Tested Diagnostics, Communication and Failure Management Subsystem CAN and CAN-FD protocol.
- Configuring Test Environment using Simulation and measurement tools like CANalyzer and CANape.
- Development, Maintenance and Execution of Test Cases in IBM RQM, DOORS and defect reporting in Tracking tool like T&R and ClearQuest.
- Maintenance and Analysis of Engineering Requirements in IBM DOORS.

Tool Development for Automated Testing - Robert Bosch (2018 - 2021)

- Co-Developed a tool, SPARC-Nxt to test Diagnostics and System Functions over CAN, CAN-FD.
- Developed Controller for External Devices using USB, UART, SCPI, etc.
- Implemented advanced Reporting using HTML, CSS and JavaScript.

System Development Intern – Waste Samaritan (2017-2018)

- Worked with microprocessor based development boards.
- Developed a system to process inputs from sensors such as Load Cell, and GPS.
- Interfaced cameras and HMI devices with the developed system.
- Developed a GUI for user interaction to the system.
- Worked with Serial Communication over RS232 for communication over various modules.
- Developed data conversion algorithm and function to upload data to cloud database (AWS).

Awards :

- Ace Award – Robert Bosch, March 2021.
- Silver Award for Improved Productivity and GUI development – Robert Bosch, July 2020 and December 2020.
- ESD Wall of Fame :: Platinum Award for Innovative Thinking – Robert Bosch, December 2019.
- Runner up for Hack for Innovation – Robert Bosch, January 2019