Nidha Mol O A

Senior Software Engineer

Lead Integrator with more than 5 years of experience in Automotive Embedded software development with proven experience in planning and coordination of software releases. Good experience in working with multi-discipline & multi-location team environment.

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in
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SKILLS

Project Management and Teamwork

Communication

Analytical Skill

Punctual and time management

Dedication

Leadership

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Malayalam
Native or Bilingual Proficiency

WORK EXPERIENCE

Senior Engineer
Robert Bosch Engineering and Business Solutions

06/2017 - 04/2020, *Bangalore, India*

Key Responsibilities

- Managed multiple technical projects simultaneously, in various phases of development.
- Complete software Integration of VW Projects for Park-Pilot Projects (based on USS) including AUTOSAR Upgrade and Basic Testing of Software
- Good experience in programming languages like C, C++, Groovy, VHDL, Python and communication protocol CAN
- Experience in Continuous integration (GIT), flashing, testing the binaries and Automation in Jenkins.
- V Model, Agile methodology and scrum framework.
- Support QMM team to ensure the project compliance.
- Project Management and Lead the project teams to achieve results on a scheduled budget and time.
- Project Planning and coordination.
- Mentored graduate freshers as per team and business requirement.

Contact: Sreelekha Mani, Project Co ordination Manager – sreelekha.mani@in.bosch.com

Onsite/ Overseas experience

Dates: October 2019 – January 2020

Organization/Role: **Robert Bosch GmBH, Feuerbach, Germany**/ Senior Software Engineer

- Start of production of VW MEB project.
- Preparing Software Specifications document in DOORS
- Automating integration procedures in JENKINS.
- Reviewing the code and test scenarios developed by other team members.
- Perform integration testing and involved in vehicle testing.

Lecturer (Part time)
Benchmark Engineering Academy

08/2015 - 06/2017, *Ernakulam, India*

Key responsibilities

- Responsible for teaching highly rated course on electronics and communication engineering by CUSAT for undergraduate engineering students
- Develop and support mini projects for students.
- Develop and deliver guides and documents for the focused subjects.

Contact: Syam Kumar P P, Academy Head - +91 9447349558

Puzzles   Chess

Teaching

Culinary Arts

Software Engineer
Robert Bosch Engineering and Business Solutions
08/2013 - 07/2015, *Bangalore, India*

Key responsibilities

- Complete Software Integration of BEG(ABS/ESP) projects: Lotus, McLaren, Maserati and testing using Labcar.
- New software was integrated in TCM, for every new releases "changefile" is updated.
- Software development for VAR component.
- VAR component have information about variants of same OEMs. Errata rating of various ABS/ESP projects.

Contact: Sreelekha Mani, Project Co ordination Manager – sreelekha.mani@in.bosch.com

TECHNICAL SKILLS

- Operating Systems: Windows
- Languages : Embedded C/C++, VHDL, Groovy, Python, Assembly Programming: 8085
- Softwares: IBM DOORS, MKS, GIT, TCM, Matlab, Simulink, CS IS
- Subjects of interests: VLSI, Digital Circuit design

EDUCATION

Master of Technology in Electronics and Communication Engineering
Cochin University of Science and Technology
Percentage obtained: **8.77/10**

07/2015 - 04/2017, *Cochin, India*

Bachelor of Technology in Electronics and Communication Engineering
Government Model Engineering College
Percentage obtained: **83/100**

09/2009 - 04/2013, *Cochin, India*

CERTIFICATES

National Aerospace Laboratories (06/2016 – 04/2017)
UAV autopilot model development and analysis.

Outcome based education and Academic quality assurance
Teachers training course to improve Teaching & Learning Strategies/Methodologies to achieve Quality in Learning Outcomes.

PERSONAL PROJECTS

Conditional face recognition and access system (2013)
Face recognition based on mathematical calculation of EIGEN faces

ACHIEVEMENTS

Topper of FOCAS, training program of Robert Bosch Engineering and Business Solutions Limited.

Published Knowledge Transfer Document in department level about integration Testing of MPC1 projects

Presented an IEEE paper, 'An Energy efficient – All Digital Time domain Based CMOS temperature Sensor for SoC Thermal Management'

DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.