Mohammed Arshan

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Seeking a responsible position in result-oriented company, which provides challenging opportunities to succeed professionally through continuous learning and leading in the success of the organization.

**EXPERIENCE**

**JULY 2017 – PRESENT**

**TECHNICAL SPECIALIST,** CONTINENTAL AUTOMOTIVE COMPANY INDIA PVT LTD

Domain: **Active Safety, Brake Systems, ABS/ESC.**

* **SIL Environment developer for European, Asian and American OEM’s.**

Responsible for creating SIL Environment, testing and debugging for **ESC, ADAS and Parking Functions of Brake systems**.

Handling responsibility to create rest bus, generate software executables and finally integrate with Simulink environments.

* Developing python scripts to execute SIL environment in **Local Jenkins Setup**
* Developing Simulink Adaptors for hybrid and Electric powertrains.
* Took the initiative in designing virtual SIL environment for **Motorcycles**, handling requirements, creating simulation models, generating executables from the software Code and was responsible for function testing and Failsafe Testing.
* Took ownership to deliver **ABS model to Motorcycle OEM**. Worked on pressure sensor simulation, delivering Simulation models as per customer requirement. Additionally, took part in customer meetings to resolve conflict of interests.

**EDUCATION**

**JAN 2021 – PRESENT**

**MASTER OF TECHNOLOGY,** BIRLA INSTITUTE OF TECHNOLOGY, PILANI

* Pursuing an Automotive Electronics degree as a Work Integrated Learning Program with major focus on Electric and Hybrid Vehicles.

**MAY 2017**

**BACHELOR OF ENGINEERING,** B.V BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY, HUBBALLI

* Graduated With a degree in Electrical and Electronics Engineering with CGPA of 8.34

**TECHNICAL SKILLS**

* Carmaker, Motorcycle Maker
* Model development using MATLAB Simulink.
* Embedded C and basic C++.
* Python, mscripts and Tcl/tk scripts.
* Sensor Simulation.
* Scene creation, powertrain configuration in Carmaker.
* Software Debugging

**TOOLS**

* Visual studio Express 2017
* Jenkins
* GIT, GitHub, Datalyser, ER Tool
* Configuration Management tools MKS/IMS/PTC
* Knowledge management tools – Confluence
* Debugging Tool – Visual C, Eclipse

**CERTIFICATES**

* Awarded with ISTQB Foundation Level certificate in software testing. [ITB-CTFL 0098874]

**SOFT SKILLS**

* Patience and perseverance during difficult task.
* Quick learner and adaptability to change for good.
* Good Team Player.
* Good Analytical and problem-solving skills.
* Self-motivated and taking ownership in driving project.