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.