MOHAMMED ARSHAN

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**CAREER OBJECTIVE:**

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.

**PROFESSIONAL EXPERIENCE:**

Currently working as Technical Specialist with Continental Automotive Component India Limited, Bengaluru since July 2017.

**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**

**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**

**WORK EXPERIENCE:**

* Current Designation: **Technical Specialist** in Continental AG, Bengaluru, India since July 2017.
* Domain: **Active Safety, Brake Systems, ABS/ESC.**
* Responsible for delivering SIL pc simulation environment for internal testing and OEM delivery.

**PROJECTS AND WORK RESPONSIBILITIES:**

* **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.**

**CAREER HIGHLIGHTS:**

* Experience in design, development and testing of SIL Virtual ECU’s.
* Mapping CAN, Flexray Bus signals in the Simulation as per bus specification [DBC, ARxml]
* Strong Debugging skills in finding cross model issues and providing solutions.
* Continuous development and continuous integration of Software using Jenkins.
* Good exposure in handling vehicle powertrain configuration and vehicle Modelling in Carmaker.
* Good knowledge of software development life cycle.
* Experience in developing signal manipulation tool in C++ and developing GUI using Tcl/Tk scripts.
* Adept knowledge on Automotive powertrain and Brake system.

**HIGHLIGHTS AND ACHIEVEMENTS:**

* 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.
* Worked on Nissan project to deliver Serial Hybrid Powertrain logic to support TCS, EDC control functions.
* Took ownership to deliver ABS model to Triumph Customer. Worked on pressure sensor simulation, delivering Simulation models as per customer requirement. Additionally, took part in customer meetings to resolve conflict of interests.
* Awarded spot award for finding and reporting bug in third party software.
* Awarded with ISTQB Foundation Level certificate in software testing. [ITB-CTFL 0098874]

**ACADEMICS:**

***Master of Technology:***

Automotive Electronics

Birla Institute of Technology, Pilani

***Bachelor of Engineering:***

Electrical and Electronics.

B. V. Bhoomaraddi College of Engineering and Technology, Hubballi.

**PERSONAL 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.

**AREAS OF INTEREST:**

* Cycling.
* Reading about technology.
* Creating hobby circuits.

**PERSONAL DETAILS:**

Father’s Name Abdul Karim Shaikh

Mother’s Name Shakilabi Shaikh

Gender Male

Date of Birth 27-09-1994

**DECLARATION:**

I hereby declare that the above information is true to the best of my knowledge.

Place: Bengaluru

Date: 5-05-2021 (Mohammed Arshan)