

# Mohammed Ashief

Engineer

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## Summary

A three-year-experienced model-based design engineer with great experience. I am thrilled about the opportunity to assume a demanding role in an elite engineering setting. My objective is to continue learning and developing while utilising my 100% professional expertise and abilities to significantly influence the organization operations. I am honoured to have received a customer appreciation award for a project, which validates my commitment to providing top-notch outcomes.

## Work History

### Technical Support Trainee

#### Project 1: Satvat Infosyl Pvt Ltd

Jan 2019 to Feb 2020.

- Development and analysis based on the requirements from specification document.
- Developed models for the requirements and implemented them using MATLAB.
- Coordinated with project managers and leads, and took part in status calls.
- Created a shared sheet where all ten teams' statuses could be uploaded, resulting in a 75% reduction in paperwork.

### Model Based Design Engineer

#### Project 2: HCL Tech, Bangalore

Client: Robert Bosch: Jan-2022 – Present

- Experience in Automotive domain especially Model Based Development, Testing, Debugging using MATLAB, Simulink, Stateflow as per the MAAB guidelines.
- Producing Auto-Code generation using TargetLink and Embedded Coder.
- Doing in MIL/SIL and Back-to-Back testing using TPT (Time Partition Testing).
- Knowledge on requirement analysis, preparation of test plan, test case design and test execution.
- Proficiency in C/Basics of Python, C++
- Experience in Requirements and Tasks management tools like IBM Rational DOORS and PTC Integrity.
- Knowledge in ISO26262 Functional Safety, ASPICE and SDLC (Software Development Life Cycle).
- Awarded a spot award for two quarters in which all project components were completed with 100% efficiency.

## Technical Skills

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- **Professional Software Tools:** MATLAB, Simulink, Targetlink, Stateflow, TPT, Reactis, IBM Rational DOORS, UDE (Universal Debug Engine).
- **Version Control:** PTC Integrity/ SDOM.
- **Programming Language:** C, C++, Basic of Python and Linux
- **Software Standards:** MISRA- C, polyspace, ASPICE, ISO26262 Standards and MAAB Guidelines.

## Soft Skills

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1. **Teamwork:** Collaborative mindset, Positive contribution.
  2. **Time Management:** Prioritization, Meeting deadlines
  3. **Problem Solving:** Analytical thinking and innovative solutions
  4. **Leadership:** Inspiring, Guiding teams.
  5. **Effective Communication:** Clear expression, Active listening.
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## Certifications

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- **Course Name:** Embedded Systems
- **Institution Name:** Vector India
- **Duration:** 6 Months

## Education

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- Bachelor of Engineering (Electronics and Electrical) at Karpagam College of Engineering, Coimbatore, Tamil Nadu with a 7.4 CGPA
- I Completed HSC with 86% and SSLC with 94% at Kongu Matric Hr. Sec School, Dharmapuri, Tamil Nadu.