

Mohan Kumar Golla

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Career objective:

Seeking a long-term opportunity in a reputable organization where I can apply my Embedded Testing skills and further enhance my expertise in the Automotive Domain, with a focus on Validation and Testing processes, to contribute to high-quality product development and innovation.

Internship Profile:

Embedded Automotive Testing Intern

Company Name: Webtech Software Solutions

Location: Bangalore

Dates: August 2024 - Jan 2025

Description:

Assisted in testing and validation of automotive embedded systems, including:

Automotive Protocols: CAN, UDS

Operating Systems: Windows OS

Programming Languages: Basic C

Automotive Testing Tools: VectorCANoe, CANalyzer, JIRA.

Responsibilities:

- Developed and executed test cases for automotive embedded systems
- Utilized simulation tools to test and validate automotive systems
- Analyzed and reported testing results to improve overall system performance

Software Proficiency:

| | |
|-------------------|---|
| Languages | Basic C Programming, CAPL script |
| Software Tools | Canoe, CANalyzer, Doors, JIRA, Visual Studio Code |
| Operating Systems | Windows 7, 8 & 10 |

Profile Summary:

- Having Strong Knowledge on Communication Protocols like CAN and UDS,
- Good Knowledge on Communication Protocols UART, I2C, SPI, and Hardware Design.
- Good Knowledge on Manual Testing
- Strong Knowledge on Vector tools such as CANoe and Canalyzer,
- Good knowledge in various software engineering activities like Requirement Analysis, writing Test plan, Test case development, Validation and bug analysis,
- Good Knowledge on CAPL Scripting,
- Basics of C programming,
- Ability to write Test cases according to requirement and reviewing of Test reports,
- Good Knowledge on Advanced Driver Assistance System Features,
- Good Knowledge on Bench setup, power supply,
- Good understanding on STLC (Software Testing Life Cycle) at Aspic methodology.

Project Summary:

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|----------------------|--|
| Project Name: | RADAR ASDM (Active safety Domain Controller) |
| Description: | <ul style="list-style-type: none">I have use the radar which is short range radar , this radar is used to communicate between the asdm, this asdm will give signals to the rest of the active safety devices which will be connected to the radar,this communication happens via CAN protocol and in my project. I have tested four modules this project comes under asdm that is communication module,UDS,Time sinc,position management. Domain control modules acts as a main ECU to communicate with the active safety devices. |

- **Roles and Responsibilities:**
- To test all the functionalities of supplier ecu.
- Raising Issue using defect tracking tool.
- Preparing the Test Cases.
- Root cause analysis for failure Test Cases.
- Requirement analysis for all the ECU's.
- Preparation of Test Bench for Integrating ECU'S.
- System Test Plan Preparation.

Certification:

- Certified in **Automotive Embedded Testing** in a reputed institute as **WEB TECH**, Bangalore.
- Certified in **PC Hardware and Software in Cisco Networking Academy** in Govt polytechnic college

Educational Summary:

| College | Qualification | Branch | Passedout Year | CGPA |
|--|---------------|--------|----------------|------|
| MJR College of Engineering & Technology, Piler | B.Tech | EEE | May 2023 | 7.6 |
| Govt. Polytechnic College, Kalikiri | Diploma | EEE | June 2020 | 7.0 |
| SSC | 10th | - | March 2017 | 7.5 |

DECLARATION :

I here by declare that all the information provided by me in this application is actual and correct to the best of my Knowledge and belief.

DATE:
PLACE: Bangalore

SIGNATURE
Mohan Kumar Golla