

## 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

### **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 V
Operating Systems	Windows 7, 8 & 10

### **Profile Summary:**

- Having Strong Knowledge on communication protocols like CAN and UDS
- Basics of C programming language.
- Good knowledge in various software engineering activities like Requirement Analysis, writing Test plan, Test case development, Validation and bug analysis.
- Strong Knowledge on Vector tools such as CANoe and Canalyzer.
- Good Knowledge on CAPL Scripting
- Self-motivated, and a good team player, having strong leadership, and interpersonal competencies.
- 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 SDLC (software Development Life cycle) at Aspic methodology.

## Project Summary:

<b>Project Name:</b>	<b>RADAR ASDM (Active safety Domain Controller)</b>
<b>Description:</b>	<ul style="list-style-type: none"><li>• Radar can sense the data and it will pass to the Domain controller (Active safety). One main ECU ASDM will present in the center of CAR and all Radars will give to the inputs of ASDM and this ASDM will give inputs to the all actuators active safety ecu (Vehicle speed, steering wheel, Blind spot detection, ABS also tested Time sync, CAN TX and RX messages and Vehicle status messages and position management. In RTE I have tested whether all the signals updating or not if I changes signals in CANOE through the Graphic Window.</li></ul>

- **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.
- Diagnostic Integration testing.

## 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