

**Hima Bindu. P**  
**Email: khimabindu1801@gmail.com**  
**Phone: + 91 9652165540**

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**Summary:**

Career spanning around 3.2 years of IT experience in Embedded Testing Domain as a System Test Engineer. Seeking a position to utilize my skills and abilities in the information technology industry that offers professional growth while being resourceful, innovative and flexible.

**Professional Summary:**

- 3.2 Years of industry experience in System Testing with a solid understanding of Test Planning, Test Design, Test Execution and Defect Reporting & Tracking.
- Expertise in Understanding and Analyzing Test Requirements, Tracking changes and maintenance of Test Requirements.
- Good knowledge in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) on V-Model and Agile Environment using Scrum Framework.
- Proficient in devising all the artifacts of testing such as Test Scenarios, Test Cases, Defect Reports and Test Summary Report.
- Good written, communication, interpersonal skills, proven team player with an analytical mind bent to problem solving and delivering solutions.

**Technical Skills:**

- Tools: CANOE, DOORs, TRACE32
- Protocols: CAN, UDS.
- Scripting: Basic CAPL, C language.
- Configuration Management: BitBucket

**Certification:**

Agile Methodology Virtual Experience Program by Forge (Cognizant) in 2023.

**Education Qualification:**

B.Tech in Information Technology from Jawaharlal Nehru Technological University.

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## **Work Experience**

- Currently working as a System Test Engineer with Cognizant Technology Solutions Pvt Ltd, since June 2020 to till date.

## **Projects Profile:**

- Battery Management System
- Short range RADAR

### **Project 1: Batter Management System**

**Project description:** The Project is to implement diagnostic services for Battery Management System application in the area of automotive embedded systems. The diagnostic services implemented to UDS protocol service ISO 14229. The purpose of Battery Management is to measure and monitor the behavior of Car Battery and communicate with host via CAN protocol.

## **Responsibilities:**

- Creating a test scenario's for the DIAG module.
- Execution of test cases for CMU manually.
- Regression and retesting to improve quality.
- Testing products with end users prospective.
- Functional and non-Functional testing.
- **Protocols:** CAN and UDS
- **Tools used:** CANOE, TRACE32

### **Project 2: Short-range RADAR (SRR)**

**Project description:** Functionality of RADAR is to detect objects around CAR and give information to driver/cluster/other ECU's. This includes object detection, diagnostic testing of RADAR ECU. Diagnostic testing for services like 10, 11, 14, 19, 22, 2E, 27, 28, 31, 3E, 85 are done.

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**Responsibilities:**

- Participate in requirement analysis for DIAG module, test case creation, design review and execution of test cases.
- Manual test case execution in CANoe tool.
- Logs analysis, defects raise and defect life cycle.
- Test execution report preparation for each release after testing.
- Ticket update and closure.
- Utilized JIRA for bug tracking and task completion
- **Protocols:** CAN and UDS
- **Tools used:** CANOE, TRACE32

**Strengths:**

- Understanding the priorities and needs of the business and adapting to the changing requirements.
- Effectively managing multiple projects simultaneously.
- Building trust and valuable working relationships with teams.
- Quick learner, keen to learn and improve skills.