

# A.JANARDHANA REDDY

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## Career Objective

To work in a competitive environment (Automotive Domain) where my skills can be fully utilized to achieve objectives of the organization and lead to further growth in my professional skills and satisfaction.

## Professional Summary

- ❖ Over **2.5 years** of Embedded Testing experience in Automotive Domain.
- ❖ Having hands on experience on **CAN**, UDS, **Canoe** & CANalyzer.
- ❖ Having Hands on experience in **HIL TESTING**
- ❖ Good Knowledge on Advanced Driver Assistance Features.
- ❖ Hands on Experience in writing Test cases and performing Technical Reviews for Test cases.
- ❖ Hands on experience in Automotive Passive safety testing Airbag module as per **ASPIICE** compliance.
- ❖ Over View on **V & V** cycle, Good Debugging skills.
- ❖ Message Format, Bus Off, Multi frame concept, Error counters
- ❖ Hands on Different flashing tools.
- ❖ Basic knowledge on CAPL Scripting Programming.
- ❖ Good team player and flexible for learning new technologies.
- ❖ System Test and Functional Test Plan generation and execution.
- ❖ Preparing Daily Status report.
- ❖ Experience in complete STLC (Software Test Life Cycle)
- ❖ Knowledge on ecommerce, banking and travel domains.

## Work Experience

- ❖ Working in **Visteon Automotive** as a **Software Test Engineer (Validation) Bangalore** from JUN 2020 toTill now

## Education Qualifications

- ❖ Graduated from Yogi Vemana University, Kadapa with 73% in 2019.

## Software Skills

- ❖ Languages Known : C, CAPL
- ❖ Tools used : Canoe, Canalyzer, JIRA, Polaron, Trace 32, MEM, Miniwiggler
- ❖ Operating Systems : Windows 10, 11
- ❖ Hardware Tools : Can case XL, Debugger (Later Batch)

### **Project#1 :**

Title : **Airbag Control Unit (ACU)**  
Client : Hyundai  
Period : Aug 2020- Till Present  
Role : Validation engineer

### **Project Description:**

Testing of the functionality of Airbag, Airbag deployment with crash files, Tested Seat belt Buckled and Unbuckled with the help of DC sensor, Remote sensing unit, Operating voltage profiles, Fault environment, E-CALL, Tested CAN and UDS with Bench setup, Fault free Environment, HIL bench setup

### **Responsibilities:**

- Download the Requirements from Requirement management tool and analyze the requirements.
- Test case written in application management tool, test case execution and manual testing and Capl Test scripts writing.
- Part of database development in Canoe.
- To Test the all-possible conditions of features in the panel using the Simulation tool Canoe.
- Capturing & analyzing the requirements for the Feature.
- Develop the test cases for new requirements if any new requirements added.
- Make the Hardware setup ready.
- Report the issues with proper log files by using the defect tracking tool.
- Involved in Automation Capl Scripts Execution and analysis.
- Supporting development teams for bug fixing and feature development.