XXXXXXXXXX

Email xxxxxxxxxxxxxxxxx Phone: (+91) xxxxxxxxx

# OBJECTIVE

To pursue a challenging career in Automotive Industry and be part of a progressive organization that gives scope to enhance my knowledge and utilizes my skills towards the growth of the organization.

# PROFESSIONAL SUMMARY

* Having **xxx** Years of relevant experience in the Automotive Industry as a Embedded Test Engineer.
* Having a good knowledge of **CAN & UDS** communication protocols.
* Having a good experience with **CAPL** scripting.
* Having a good experience in Fault Management with **Radar ECU**.
* Having a good experience in manual system testing across **Instrument Panel** Cluster features.
* Hands-on experience in validating the Cluster features like **Telltales**, **RTTs, Chimes**, and **Gauges**.
* Hands-on experience in Test case design, development, and test case execution.
* Extensive knowledge of implementing panels in CANoe.
* Good experience with Bug tracking tools like **RTC** & **Jira** Atlassian.
* Quick learner with the ability to pick up new technical skills in short durations.
* Possess good communication skills along with constructive teamwork ability.

# PROFESSIONAL EXPERIENCE

|  |  |
| --- | --- |
| Designation**: Embedded Test Engineer.**  Current company: | Duration:  Location: |

**EDUCATION**

|  |  |
| --- | --- |
| **BTech: Mechanical Engineering**  *xxxxxxxxxxxxxxxxxxxxxxxx* | xxxxxxxxxx| xxxxxxxxxx |
| **Intermediate: Mathematics, Physics & Chemistry**  *xxxxxxxxxxxxxxxxxxxx* | xxxxxxx | xxxxxx |
| **S.S.C: Science**  *xxxxxxxxxxxxxxxxxxxxx* | xxxxxxxxxx | xxxxxxxxxx |

# PROJECT DETAILS

**#1 Project: Rest Bus Simulation Development of Cluster.**

**Tool:** Vector CANoe

**Duration:** xxxxxxxxxxxx

**Role:** RBS Developer

# Description:

The purpose of the project is to develop Manual CANoe Configuration during Manual Testing. Based on the DBC changes or changes in specifications, Configuration is developed using the CAPL script.

# Roles and Responsibilities:

* Understanding and analyzing the document of CAN DBC.
* Understanding the Requirement of ECUs from the CAN DBC document that is used to create Simulation setup.
* Developing the CANoe Database as per the requirement by using **DBC Editor**.
* Different types of PANELS development by using **Panel Editor** and **Panel Designer**.
* Able to assign the Environment Variables to communicate between the Panels.
* CAPL script using CAN matrix document for different types of messages.
* Writing the node behavior for Tx and Rx by using CAPL scripting.
* Creating panels for every signal under a message using Panel Designer.

**#2 Project: Verification and validation of Cluster.**

**Role:** Embedded test engineer**. Tool:** Vector CANoe

**Duration:** xxxxxxxxxxx **Communication Protocol:** CAN **Description:**

To validate all possible combinations of various features in the Cluster. The software used for this project is Canoe and the script is written in the CAPL browser.

# Roles and Responsibilities:

* Understanding and analyzing the documents of the Instrument Panel Cluster.
* Preparing the test cases for different features in Instrument Panel Cluster like Speedo Meter, Fuel Gauge, Tell-Tales, RTT, and Chimes.
* Reviewing the functional test cases developed by test engineers.
* Creating the validation test panel as per test cases in the Panel Editor.
* Complete understanding of the UDS document and testing.
* Executing the test cases.
* Preparing validation reports and recording logs, and proofs for false cases.
* Updating the reports in the Azure portal.
* Raise bugs in the RTC & Jira Atlassian tool.

**#3 Project: Fault Management for Radar ECU.**

**Tools:** Vector CANoe

# Configuration Management Tool: Azure

**Duration:** xxxxxxxxxxxx.

# Description:

To automate the validation of the various faults in the Radar ECU using Diag Fault Manager module. These Faults are triggered in the Radar ECU using CAN Signal, Environment Variables and XCP Commands. Software’s used for this project are CANoe, CAPL, Diagnostics and Automation Framework.

# Roles & Responsibilities:

* + Software Qualification Testing on Radar ECU.
  + Reviewing of Testcases which is provided by the customer.
  + Make changes in testcases with respect to requirement if any required.
  + Creating the DTC Faults and Verifying the status.
  + Triggering the faults using CAN Signals, Environment Variables & XCP commands.
  + Developing the testcases in the automation framework format.
  + Raise bugs for the failed testcases in Jira Atlassian tool.

# SKILLS

|  |  |
| --- | --- |
| * MS Office (Word, Excel & PowerPoint) * CAPL * Quick Learner * Flexibility | * C Language (Basic) * Communication * Problem Solving * Confidence |

**LANGUAGES**

|  |  |
| --- | --- |
| **English**  Speak/Read/Write  **Telugu**  Speak/Read/Write | **Hindi**  Speak/Read/Write  **Tamil**  Speak |

# DECLARATION

I do hereby declare that the information given above is true to the best of my knowledge.

# Place: xxxxxxxxxxx

**Date:**