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[XXXXXXXXXXX@gmail.com](mailto:XXXXXXXXXXX@gmail.com)

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## Career Objective:

Hands on experience on performing Validation in Automotive field. Willing to work at a responsible position as Automotive Validation Engineer in a renowned organization.

## Professional Experience:

* XX years of Experience in Automotive industry as a **Validation Engineer**.
* Hands on Experience in **CAN, Canoe, Diagnostics**, and **CAPL.**
* Good experience on diagnostics protocol like **UDS**.
* Having Experience in test cases designing and reviewing the test cases.
* Experience on Diagnostics with **CAPL** Scripting Programming.
* Having experience in Automating the test cases in **CANoe** test module with **CAPL**.
* Good experience in developing panels and creating CAN database on CANOE

simulation for different ECU’s.

* Good Knowledge at SDLC (Software development life cycle) and **STLC** (software test life cycle).
* Good knowledge in bug tracking tool (**RTC)**.
* Knowledge on Methods of System Testing.
* Experience on the preparation of Harness for bench level testing and good Knowledge about Flashing the software into Hardware.

## Technical Skills:

* Can Simulation Tools : CANOE
* Scripting Languages : CAPL
* Protocol : CAN, UDS, and CAN TP Protocol
* Flashing Tools : Diagnostic Engineering Tool (DET)
* BUG TRAKING Tools : Rational Team Concert (RTC)
* Applications : MS OFFICE (Word, Excel, Power point)
* Operating System : Windows 7, 10.

## Work Experience:

* XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

## Projects:

### PROJECT 1: VALIDATION OF DIFFERENT FEATURES IN INSTRUMENT PANEL CLUSTER.

**Tools:** Vector Canoe

**Configuration Management Tool:** Azure portal.

### Role: Validation Engineer Description:

To validate all possible combination of various features (AHB RTT indicator, fuel gauge indicator, speedometer, Seat belt and panel designing like Telltales in cluster. Software used for this projects Canoe, Capl. Executing test cases Development and Test Case review from different possible conditions during different ignition, voltages and operational conditions.

# Roles & Responsibilities:

* Understanding the spec. Requirement for different features in IPC.
* Like AHB RTT, Speedo Meter, Fuel Gauge, Seat belt Telltale sand Chimes Guages, Warnings.
* Enable and Disable IPMA, SCCM Configuration in different Operational Modes.
* Creating validation of Test Panel as per the Test cases in Panel Editor.
* Raising the bugs or issues using **RTC (Rational Team Concern)** tool.
* Develop The Test cases in OFF, ACC, CRANK, RUN And Voltage Mode.
* Performing the rapid validation tests for all those conditions and in the Invalid Cases (ABUSE Cases) also.

### PROJECT 2: VALIDATION AND IMPLEMENTATION OF VARIOUS TYPES OF MESSAGES

**Tools :** Vector Canoe.

**Role :** Configuration Developer

### Description:

Validation of different types of messages like Event, fixed periodic, event periodic using CAPL script. Creating DATABASE and PANEL development by panel Editor Using CAN matrix.

# Roles and Responsibilities:

* + Creation of simulation setup as per the requirement using can matrix document.
  + Developing the CAPL script for various messages using CAN
  + Writing node behavior for Event, Periodic and event periodic Messages with CAPL.
  + Creating And Development the Panels for signal of Message in DBC Using Panel Editors by CANoe.
  + Validation of Messages and Signals between ECU’S by using Ignition Panels.
  + Attaching environmental variables from panel to panel with CAPL scripts.

### PROJECT 3: CAN NETWORK TESTING FOR IPC MODULE (AUTOMATION WITH CAPL)

**Tools :** Vector Canoe

### Description:

To validate CAN database check for all the messages and signals which are getting transmitted by cluster, validation of all messages and signals parameter through CAPL.

### Roles & Responsibilities:

* Communication Testing on the CAN Network to ECU By Automation Using CAPL programme.
* Automating the test script for CAN message periodicity check and parameter check through CAPL.
* Report the Test Module Information and Test Case Details & Test Status By HTML Report Through Automation.
* Check the signal range Between Minimum and Maximum value by CAPL script.

**Educational Qualifications:**

* + B. Tech in Electronics and Communication Engineering from XXXXXXX.
  + Intermediate From XXXXXX
  + 10th From XXXX

**Personal Details:**

Name : XXXXXXXXX

Father Name : XXXXXXXXX

Date of birth : XXXXXXXXX

Gender : XXXXXXXXX

Marital Status : XXXXXXXXX

Languages Known : XXXXXXXXX

Permanent Address : XXXXXXXXX

### Declaration:

I here by declare that the information furnished above is true to the best of my knowledge.

**Place**: Signature

### Date: XXXXXXXX