

MOHANKUMAR CHINTHAPANTI

HIL Validator

+91 9490525240 chmk2174@gmail.com Chennai

EXPERIENCE

Embedded Software Engineer 02/2023 - Present

HCL TECHNOLOGIES LTD Chennai

Project Name : NISSAN- Instrument Panel Cluster (IPC)

- We test how IPC behaves for different features in different scenarios, as per the Inputs fed to IPC from different ECU's, using the automation tool called as Provtech.

Embedded Software Engineer 01/2020 - 02/2023

TATA CONSULTANCY SERVICES Chennai

Project Name : FORD- Instrument Panel Cluster (IPC)

- We test how IPC behaves for different features in different scenarios, as per the Inputs fed to IPC from different ECU's using the automation tool called as dSPACE.

Verification and Validator 02/2023 - Present

Visteon Technical Services/ Client Name Location

Software Model(AZILE)

- Project Domain : Automotive
- Preparing Test plans, test Cases and executing over Provtech Automation.
- Taking Module level ownership of Buzzers, Interrupt, telltale and Indicators.
- Analysis, fixing of critical issues and tracking the execution process.
- Reviewing of Test cases and Test Procedures and doing CAPL Scripting.
- Taking Responsibility for Software flashing in the clusters.
- Managing team, providing reports for the Clients and Coordinate with Onsite developer
- Flashing software in Cluster using Debugger Flash Programmer and Ethernet with Media Converter.
- Using Frame Grabbers for capturing the operations analysed with the PSDs.
- Interact with National Instruments team about the Vision Technology.

Verification and Validator 01/2020 - 02/2023

Denso International/ Client Name Location

Software Model(V&V)

- Execution of Test case on dspace HILSimulation or Manual Testing.
- Automation Test case creation and modification for Auto test tool.
- Validation of various features of Cluster's involved in automation testing of different releases in Denso.
- TP's Execution in dSPACE Using Tools and Result's verification.
- Report generation and Review submit the final report in SVN path.
- RC sheet fill and submit final results to Client (SVN path).
- Reviewing the Test cases & Test scripts for the respective requirements.
- Layout creation using Control desk.
- Manually verify and Creating & Generating Results.
- Preparing Hardware bench setup for HUD and Manual testing as well as Automation testing.
- Effective Communication and coordination with team members for any Issues

Configuration Manager 01/2020 - 02/2023

DENSO Location

Add On Responsibility Toyota OCE Team

- Need to verify versioning of input received from OSC and Out Put committed to SVN repository
- Responsible for verifying and sending reports to OSC.
- Project:2
- Project Name : TOYOTA- Instrument Panel Cluster (IPC)

EDUCATION

ELECTRICAL AND ELECTRONICS ENGINEERING

Audisankara college of Engineering and Technology



Summary

Having 3.4 Years of Experience in Automotive Domain as a Test Engineer.

- * Excellent decision making skills with a positive approach.
- * Having Good working knowledge on Functional testing of Instrument Panel Clusters (IPC) and Head's Up Display (HUD).
- * Adroit at learning new concepts quickly, working under pressure and communicating ideas clearly and effectively.
- * Experienced in Automotive domain (OEM like Toyota, Honda, Ford)
- * Hands on experience in CAN, CANoe, LIN, MOST

LANGUAGES

English	Proficient	<div></div>
Hindi	Intermediate	<div></div>
Telugu	Proficient	<div></div>

SKILLS

Automation Tools

Atlas Semi Automational Tool, dSPACE
Provtech Control desk, CAN, UDS, Canoe,
In-Sight Explorer, PTC Integrity C, CAPL
Scripting

STRENGTHS

I am the unique personality having different talents and abilities. I don't have to always follow in the footsteps of others. I don't have to do what everyone else is doing, because I have my own way of developing.

