**SAMEER SRIVASTAVA**

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**Key Expertise:**

B.TECH with 3.11 Years of experience in IT for Automotive Testing Engineer in Vehicle Infotainment.

**Experience Summary**

Currently working as a Testing Engineer in KPIT Pune since 20th April 2015 to till date.

**Work Summary**

* Experience in verification and validation of modules, software update, life cycle management (LCM), over the air update, HVAC, diagnostics, and calibration, Build verification testing, Automation testing, Writing test cases, Requirement analysis and mapping.
* Proficient in embedded-c, shell script, Desktop automation and Autoit.
* Good knowledge in Embedded systems and microcontrollers.
* Good expertise of tools like DPS, virtual box, putty, Test-link, Redmine, Planio, SVN, Gitweb, Luna Debugger Tool, Renesas Flash Programmer, vehicle-spy, vector tool, CAN, Neo-vi, Micro-view plus, Caldef tool(calibration), Remote Reflash Test Tool and VPN.
* Good written and oral communication skills.
* Experience in sanity status Reporting. Worked in high pressure conditions.
* Good understanding of requirement on basis of SRS/GIS and feature/testing after analysis of requirement.

**Growth Path**

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| |  |  |  | | --- | --- | --- | | **Duration** | **Role** | **Responsibilities** | | Apr’15-Apr’16 | Engineer-V&V | 1. Build Verification testing. 2. Sanity testing and bug reporting. 3. System testing and calibration. 4. RFT and Power cycles Testing. 5. Requirement analysis and writing test cases. 6. Performance testing. | | May’16-Present | Test Engineer | 1. Automation testing and writing automation scripts, OTA testing. 2. Feature testing, RRSDK testing and ER Build creation and testing. 3. Snapshot image creation, Report generation and publishing.  4. SWU and Delta package creation, Delta package testing, Calibration package creation, USB CAL package creation. 5. Software update cycles and OTA automation cycles testing. 6. Support team for resolving Hardware and software and network issues. | |
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**Certifications and Training**

* Four week training in BSNL(KAROL BAGH)

16th June 2008 to 12th July 2008.

* Six week training in ELECTRONIC REGIONAL TEST LABORATORY(ERTL)

2nd Feb. 2009 to 13th march 2009.

* Six week training in EMBEDDED SYSTEM from PROLIFIC.

16th June 2010 to 23rd July 2010.

* Six week training in SRE RADAR TESTING from BEL GHAZIABAD.

19th July 2011 to 27th august 2011.

**Educational Qualification**

* PG-Diploma in system software development from CDAC-Hyderabad, (65.5% in 2015)
* B.Tech in E&C, from Northern India Engineering College [GGSIPU], New Delhi. (72.1% in 2012)
* Diploma in Electronics from Guru Teg Bahadur polytechnic Institute, BTE New Delhi.(82.9% in 2009)
* 12th from Sardar Vallabhbhai Patel Sarvodaya Bal Vidyalaya Tughlakabad Extn. , New Delhi. (58.4% in 2006)
* 10th from Pristine High School Muzaffarpur, Bihar. (64.4% in 2003)

**Projects Details**

* **Project Name:** GM Infotainment for Automobile(Embedded)

**Environment/Platform:** Windows and Linux.

* **Project Name:** PANASONIC INFOTAINMENT

**Environment/Platform:** Windows and Linux.

* **Project Name:** PANASONIC HUD Infotainment and clusturs.

**Environment/Platform:** Windows.

**Roles and Responsibilities:**

* To analyse the requirement from GIS and SRS and prepared test cases on basis of analysis.
* Writing test scripts and test cases for automation tool, testing etc.
* Do first time flash, EMMC and update the IVI (In Vehicle Infotainment) device.
* To connect IVI device with PC and analyse can signals via vehicle spy.
* Verify and test Vehicle functionality with can case device and sensor data apps.
* Writing shell scrips for taking logs and in automation.
* Creating test plan, assigning test cases, requirement mapping, adding and removing test cases, generating test execution report and assigning task to team members.

**Description:** To provide Infotainment (information and entertainment) with safety during driving a car after connecting own mobile (Android and Apple) with IVI which is embedded device developed by our KPIT team integrated in vehicles. We can easily monitor and control our mobile and car from IVI to start projection to click either android auto or car play icon on IVI.

Worked in Infotainment Domain and enhanced the knowledge of various Infotainment modules like vehicle settings, Calibration via DPS tools, calibration package creation and flashing, Software Update, over the air update, Automation via scripts, Automation Testing, HMI Power modes, LCM, USB/BT/MYMEDIA, and Audio Settings, HMI and services, android auto ,and car play.

**Awards / Achievements:**

COLLEGE LEVEL

* Core member of the college society ROBOGYAN.
* Conducted technical workshop on DIY PCB PROTOTYPE DESIGNING being an ORGANIZER of ROBOGYAN club on 28th April 2011.
* Participation certificate in “ROBOCON” NATIONAL ROBOTICS CONTEST 2011 and 2012.
* Participated in foundation of autonomous robotics held on 4th September 2010.
* Participated in a two day “INDRAPRASTHA INTERNATIONAL CONCLAVE ON NANO SCIENCE AND TECHNOLOGY” organized by GURU GOVIND SINGH INDRAPRASTHA UNIVERSITY (GGSIPU).
* Coordinator of the FNORD 2012.
* Participated in COLLEGE TECH FEST 2008.

SCHOOL LEVEL

* Winning certificate in painting 2003.
* Participated in inter school athletics.
* Participated in inter school basketball competition and table tennis.

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**Place:**

**Date : (Sameer Srivastava)**