MUNENDRA CHINTAKUNTA

Mobile: +91 9632560632   <u>**Email:munendra.c999@gmail.com**</u>

OBJECTIVE

Looking at new opportunities with my professional experience to be a self-motivated next generation leader with the ability of adapting to rapidly changing technologies and environments with a strong desire to undertake challenging jobs and to work in a team with emotional intelligence to achieve the goals of an organization.

PROFILE SUMMARY

➢ Having 3 years of experience in validating ADAS Module, Vehicle-Infotainment system and Functional testing.

➢ Worked on diagnostics functions using UDS Protocol (ISO 14229) and their Service ID's.

➢ Expertise in executing test cases of different ADAS modules following given pre-conditions, teststeps and test description and verifying if expected results are obtained.

➢ Performed diagnostic services to read DTC's, DID's, and to clear DTC's as well

➢ Good knowledge on communication protocols such as Control Area Network (CAN), CAN-FD.

➢ Good exposure to SDLC, STLC Process, Functional Testing, Regression Testing

➢ Hands on experience in Test Plan Preparation, Test case writing, reviewing, and executing Test Cases, Defect management and Tracking, Bug Life Cycle, Testing methodologies.

➢ Solid exposure in testing in testing In-Vehicle-Infotainment (IVI) System.

➢ Good hands-on experience in analyzing business requirements, Test Script Preparation, Test execution and Test report preparation.

➢ Worked in Jira for project management and Bug Tracking.

➢ Experience on Manual testing in Functional, Sanity and Regression Testing.

➢ Experience on API testing.

PROFESSIONAL EXPERIENCE

Company	:	**L&T Technology services**, Bangalore.
Designation	:	Test Engineer
Duration	:	Dec-2021 – till now
Projects worked on	:	Car Infotainment, ADAS, Cloud

EDUCATIONAL QUALIFICATIONS

➢ **B. Tech (2015-2019)** in **Electrical and Electronics Engineering** from**, Jawaharlal Nehru Technological** University **with 8.02 CGPA, Anantapur.**

WORK EXPERIENCE

➢ Worked in **Huawei, ZF** .(Mar-2020 to Dec-2021)

➢ Working in **L&T TECHNOLOGY SERVICES LIMITED,** BANGALORE AS TEST ENGINEER. (Dec-2021 to Till now)

TECHNICAL SKILLS

Scripting Languages	:	PYTHON, C-language.
Tools & Protocals	:	LGATS, GIT, CAN, UDS, CANALYZER
Bug Reporting tools	:	JIRA
Operating Systems	:	Windows, Linux

PROJECT PROFILE

<u>**PROJECT**</u>

Project	**: General Motors**
Environment	**:** LGATS, CanAt, Python
Duration	**:** Dec 2021 to till date
Role	**:** Automation Test Engineer
Company	: LGSI, Bangalore, India.
Tracking Tool	: JIRA
Team Size	**: 6**

Modules: Settings, Android Auto, Car play , FM, AM, Bluetooth, RVC Camera.

Description of the project

    The general motors is a next generation car infotainment technology. Most of the vehicles have infotainment for entertainment, connected with device such a Bluetooth music / phone, USB music, WIFI connection, phone projection (AA&CP) having futures like google navigation Bluetooth will be automatically connected in Android auto in phone to infotainment system for calling purpose, Music, Google, voice, Siri etc.,

Responsibilities

➢ Perform feasibility of test case for automation testing.

➢ Streamlined automation capabilities that improved test life cycle by 80%.

➢ Automated test cases resulting in improve productivity (70% - time reduction).

➢ Preparing the test execution plan for every sprint.

➢ Developing test cases and modifying existing test cases.

➢ Analyzing the report and logs after execution.

➢ Writing and modify python script for functional test case.

➢ Perform batch execution of functional and SBT test case for new build.

➢ Perform Non-functional test script execution for Load and stress testing.

➢ Reviewing and analyzing the execution reports.

➢ Reviewing and sharing the Daily, Weekly and Final execution status reports.

➢ Maintaining and updating all execution reports.

➢ Perform long run execution for issue re-production and prepare execution report.

➢ Implemented the idea for the new modules for automation.

PROJECT PROFILE

PROJECT

Project	:	**Sparkle Search Box and Render**
Environment	:	Python, API, Linux, Welink.
Duration	:	Jan 2021 to Dec 2021
Role	**:**	Manual and Functional Testing.
Company	:	Huawei

Description of the project

Sparkle search box to provide boxes such as cricket, gold, stock, credit card, exchange rate, Mutual Fund, Horoscope boxes etc., for Patel search browser. Its provide better search results to end users what they want effectively like google search engine.

Responsibilities

- Involving API testing and functional testing for respective applications
- Coordinating the testing activities with development team
- Closely working with development team and product team for quality output of the application
- Responsible for preparing the daily status report and health check
- Understanding the functional specifications of the application
- Designing the test cases for new requirement for respective applications
- Involving in deployment in to different environments
- Retesting the cases where defect has been raised and resolved.
- Everyday reviewing, analyzing and checking all the boxes.
- Raised both box and render issues in Welink.

PROJECT PROFILE

PROJECT

Project	**:**	**Validation of BSM**
Environment	:	ADAS Validation.
Duration	:	Mar 2020 to Dec 2020
Role	**:**	Test Engineer
Tools	:	DOORS, Canalyzer

Description of the project

This project is based on ADAS technology and Functionality of ECU is to detect objects around CAR and give information to drivers by the features of FSM, FCW, night vision, DDDM and blind spot detection. The object can be detected by sensors(Radar front center, Radar front left, Radar front right, Radar Rear left and Radar Rear right) and Camera(IFV 410).This object information shall be sent to the ECU and based on the object information the functionality will be triggered.

Responsibilities

- Testing all services with General Positive response, NRC check, No response, and Functionality based scenarios. Worked on **CANoe** configuration for test.
- Extensively testing **DTC (Diagnostic trouble code)** with hardware DTCS and lost communication DTCs with Real bus simulation of all ECUs.

- Validated the different Data Identifiers, Routine Identifiers at the different security levels based on the requirements.
- Validation of various DID's using Read & Write services through diagnostic sessions.
- Verified all the supported DID's and its response length.
- Involved in discussion for developing test cases of diagnostics.
- Testing Routine controls for start, stop and routine results for different RIDs.

- Involved in preparing of Validation plan and have learned to write different test cases by my own

DECLARATION:

      I hereby state that all the information furnished above is true to the best of my knowledge and Conscience.

Place:

Date: