**PRIYANKA DASARI**

Ph: +919986576821, dasaripriyanka21@gmail.com

**PPROFESSIONAL SUMMARY**

* **Senior software Test Engineer** with more than 5+ years hands on experience in Device testing on different consumer electronics products & Devices .
* Experienced in **Embedded** & **Software** Real –time application **SDLC & STLC**
* Expertise of Waterfall, V-model & good understanding of **AGILE Methodologies**.
* Comprehensive knowledge of embedded & software system Test plans, Procedures, and Testing standards**.**
* Knowledge with Version Control tools and well-versed in using **Git.**
* Competent in bug tracking tools such as **Google** **Buganizer, JIRA** & **Bugzilla**.
* Experienced in **Confluence,PolarianBitrix24 & JIRA Project Management tools**.
* Highly skilled in performing **Manual testing,Device Testing, mobile testing,Smart tv testing,Hybrid appications(web& App), UI testing** ,**End to End** testing & **UAT**.
* Experienced in **Hardware Schematic Analysis**.
* Experienced  **in** **Automation Testing Tools Selenium webdriver& Appium** with**Python Scripting**.
* Experience in **PYTEST** **AUTOMATION TEST FRAME WORK.**
* Knowledge on Application Programming **– Python**
* Hands on experience on **UART, I2C, MQTT & SPI Protocols**.
* Well-versed with **GSM modules** (for **Cellular IOT** projects), **Wireless modules, Arduino, Raspberry Pi & Controllers.**
* Effectively used **GCC** and **SDCC compilers**, **Makefile, KEILµVision,visiual studio, pycharm.**
* Experience with **hardware debugging tools** such as **Oscilloscope, Logic analyzer, Soldering.**
* Knowledge of software-hardware interactions and interfacing.
* Effectively communicate and collabarate with key stakeholders, developers, business analysts & team members**.**

**TECHNICAL SKILLS**

Programming languages : Python

IDDE **:** KEIL µVision IDE4, Vim, PyCharm, MS Visual Studio, Geany.

Operating Systems : WINDOWS, LINUX (UBUNTU)

Compilers : GCC(the GNU compiler), SDCC, KEILµVision, Makefile

Communication Standards : RS232, UART, I2C, SPI, adb

Defect Tracking Tool : JIRA, Bugzilla,Bugnizer

Tools & Utilities : Selenium webdriver, Appium , adb,MSOffice, GDB, Moserial, Realterm, Putty, CC Debugger & JTAG Debugger.

**EDUCATION**

* **Master of Technologies** in Embedded Systems and VLSI, 2016 - India.
* **Bachelor of Technologies** in Electronics and Communication, 2013 - India.

**CERTIFICATIONS**

* **Embedded systems** certification from **VECTOR Institute**, Bangalore - India.
* **Python** certification – Self Learned (Udemy)

**PROJECTS ACCOMPLISHED**

**PROJECT 1**# **VAT (Android TV and Mobile Application) Oct 2021 to Nov 2022**

**Client : Sony, Google ,Company:Spanidea systems Pvt ltd**

**Role : Senior Software Test Engineer**

VAT is a tool runs on any android device particularly on smart TV devices, which validates the actions performed through google Assistant and Alexa voice commands. It provides lot of generic APIs which can be used by other platform devices.

**Job responsibilities:**

* Responsible for ensuring that business processes are fully aligned with partner organizations throughout the project life cycle, with regular liaison with stakeholders as necessary.
* Working with the Product owner identifying critical success area and clarifying business processes.
* Organized workshops, documenting user stories, participating in daily scrum meetings.Defing testcases for hybrid applications web & mobile App .
* Identified critical issues to assist clients and senior management implement a robust risk management framework, risk policies, best practices and standards required to Improve productivity while mitigating risk.
* Planning and coordinating testing activities including resourcing and task allocation.
* Test case development for both functional and non-functional requirements from use cases.
* Performed hardware and software testing on different country specific TV Boards for everyday build changes & versions .
* Performed functional and regression testing on Google assistant module which is integrated to the TV boards.
* Produced reports and analysis on all tests carried out and distribution to relevant parties.
* Collaborate with Google team to resolve the issues effectively and in a timely manner
* Monitoring change request and executing Regression testing on all changes to functionality maintianing and updating testframework for new releases.
* Mentoring the team to achieve the deliverables on time.

**PROJECT 2#RF Scanners Jun 2018 to Aug 2020**

**CUSTOMER CONCIERGE CC 500, 5000 & CC 600, 6000**

**Client** : **ZEBRA Technologies , Company:Vays infotech,Eximus Design Pvt ltd**

**Role :** Test & Verification Engineer

The CC6000 Customer Concierge with Airwatch web Application combines the familiarity of a consumer tablet with an enterprise-class platform and features to deliver a truly unique shopping experience. It is the latest self-service platform — with Android Oreo, an ultra-powerful processor, high-definition multi-touch display and Zebra industry leading barcode scanning bring a new level of convenience, speed and customer satisfaction to the shopping experience

**Job responsibilities:**

* Manage & perform all the testing activities from designing test plan to test execution and documentation which includes hardware and software.
* Responsible for setting up environment with Raspberry PI and Arduino and Hardware debugging, Execution of Appium, Selenium Test cases and Reporting defects.
* Carried out web testing , Device testing System, Functional, Sanity Testing, Regression & Monkey Testing for new build release.
* Performed Test cases execution manually using server console via web, Andriod App, Involved in Regression Testing using Selenium
* Effectively update & maintain the existing Pytest Automation Test Framework with **selenium webdriver, Appium.**
* Performed device testing on different models of ZEBRA CUSTOMER CONCIERGE RF scanners.
* Explore the Robot Framework using existing test suites for new feature enhancements.
* Co-ordinate with developers on a timely basis for bug fixes and reporting using Jira.
* Liaise with offshore Test Manager (US) on a regular basis for the status update & improvements.

**PROJECT 3# SWITCHPAS Jan 2016 to Jun2018**

**Client** : **SASNEE Technologies Pvt ltd**

**Role :** QA Engineer

SwitchPas connected home platform is next generation smart home solution. It is an intelligent IoT solution designed for enabling automation in urban homes where all the Electrical appliances and devices can be controlled using a remote device such as a mobile phone or a tablet which will enable users 24/7 convenient access from any given location.

**Job responsibilities:**

* Involved in product design & performed hardware schematic review.
* Developed test Plan, written test plan documents, test cases & executed effectively.
* Created test setup environment & performed product continuous testing & Stress testing.
* Set up the test environment with RaspberryPi for Functionality testing
* Performed version testing and updating reports according to version release.
* Performed firmware testing on individual modules and created test suites using python script for system testing & regression testing.
* Fixing Hardware Issues and debugging the issues by replacing hardware components for the device.
* Making Out individual circuits with bread board and in kept in observation and further for integration
* Performed system testing using system console and App.
* Bug tracking & issue reporting with Bugzilla.

**REFERENCES**

Provided when required.