

PROFESSIONAL SUMMARY

- **Experience:** About 1.5 years of diverse experience in Software Technology with emphasis on Software Quality Assurance (Automation and Manual Testing) for the Automotive domain including IoT-based Software and Hardware devices.
- **Responsibilities:** Involved in all phases of the SDLC and STLC, including requirements gathering, risk analysis, test planning, test estimation, scheduling, test execution, defect tracking, and reporting. End-to-end test delivery experience starting from initiation through to final test delivery using Agile methodology.
- **Testing Exposure:** Experience in testing methodologies like functional, non-functional, integration, regression, system, sanity, smoke, user acceptance testing (UAT), Data Driven Testing and risk-based testing
- **Automation Exposure:** Experience in working on Automation Frameworks for functional UI testing and Regression testing activities using pytest-BDD, pytest, Selenium (Python) Creating and executing tests, Integrated with Jenkins CI/CD, JIRA and HTML reporting functionalities for tracking bugs and documenting reports.

EXPERIENCE

- **Company Name: Tekion Corp** Bengaluru, Karnataka
Position: Associate Automation QA Engineer Oct 2021 - Feb 2023
 - **Projects worked On:**
 - **Digital Signage Tekion OTT (IoT Device)**- A Digital Signage Tekion OTT (IoT Device) that delivers a dynamic Digital Signage Application designed for Automotive Dealerships. The system features multiple screens displaying infotainment, which can be conveniently managed and updated remotely through a user-friendly UI Portal.
This innovative solution significantly enhances the overall customer experience for automotive dealerships.
 - **Connected Car Device (Cloud-based IoT device)** - Worked on an On-Boarding Diagnostic (OBD) troubleshooting tool exclusively for General Motors that efficiently scanned vehicles and retrieved error codes (DTC) data, which was then seamlessly transmitted to the cloud backend and integrated with UI and mobile application. This solution significantly enhanced the efficiency and accuracy of service advisors, resulting in reduced time and cost.
Additionally, this project led to the creation of a proprietary database customized for OEMs, containing extensive vehicle categories and associated problem types.
 - **Team Management:** Working to form testing strategies and approaches, thereby, ensuring end-to-end application testing along with daily regression and reporting to the key stakeholders for weekly production releases.
 - **Responsibilities:**
 - Analyzed and reviewed user stories utilizing Confluence, JIRA and Figma tools to establish that technical specifications and functionality are incorporated.
 - Investigated and determined the root cause of issues by reporting defects utilizing JIRA to maintain defects and check defect status.
 - Executed various testing methods such as black box, functional, regression, sanity and user acceptance testing to validate requirements are met.
 - Validated and analyzed application features in order to establish the required functionality in mobile App.
 - Created, documented and maintained technical/functional manuals to reduce the training time for new testers.
 - Attended and participated in design, defect, deployment, and post-deployment meetings to ensure application functions and guidelines are observed.
 - Working with various teams to resolve inter-team, inter-project dependencies for the Connected Car Device project(OBD).
 - Regularly participated in Agile sprint planning and coordinated individual and team testing throughout to ensure quality deliverables by the end of the sprint.
 - Utilized xMind to create mind-maps related to new application feature development for robust test planning and test case development.

- **Requirement Gathering:** Working closely with Product Team and PFOs to understand the requirement which further leads to creating Test Scenarios and Test Cases.
- **Automation:** Experience in UI automation testing using python and Selenium, creating test plans and test cases, executing tests, and generating test reports.

SKILL-SET

- **Languages:** Python, MongoDB, SQL
- **Testing Tools:** Selenium, Selenium WebDriver, Pytest, Pytest-BDD, Cucumber, Postman, JIRA, Confluence, Figma
- **Testing Skills:** Behaviour-driven Test Automation, Manual Testing, Mobile App Testing, Functional testing, Non-Functional testing, UI Testing, Regression Testing, Sanity Testing, Smoke testing, Black Box testing, White Box testing, User Acceptance Testing, API Testing
- **Other Relevant Skills:** MQTT, Git, GitHub, BitBucket, Linux, Vim, Proxyman, HTML, CSS, XML, XPATH, JSON
- **Inter Personal Skills:** Strong Communication Skills, Decision Making, Organized and Team Player, Fast learner and Agile

CERTIFICATIONS

- Responsive Web Design: freeCodeCamp, Aug 2021
- Programming for Everybody(Python): Coursera, Oct 2017

EDUCATION

- **SRM Institute of Science and Technology** Chennai, India
Bachelor of Technology in Computer Science and Engineering *2015 – 2019*
- **Kendriya Vidyalaya** Dibiyapur, Auraiya
CBSE (10+2) *2012 – 2014*