**CAREER OBJECTIVE**

QA Engineer with a strong foundation in both automated and manual testing, committed to ensuring software quality through well-structured test strategies, efficient automation frameworks, and deep domain understanding. Experienced in designing and maintaining scalable automation solutions using Selenium, Core Java, and BDD frameworks, while also proficient in hands-on manual validation across functional, API, and database layers. Aims to contribute to high-performing Agile teams by driving quality at every stage of the software development lifecycle.

Eager to expand into SDET roles by deepening automation expertise across UI, API, and CI/CD pipelines while contributing to scalable test architecture and quality engineering practices.

**PROFESSIONAL SUMMARY**

**•** Excellent knowledge of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and its methodologies such as Agile, SCRUM, and Waterfall Models.

• Expertise in automating Front-End testing using Selenium Web Drivers, CORE JAVA, Cucumber, TestNG Framework and Locators.

• Strong Experience in cross-browser and parallel testing web applications using TestNG.

• Expertise in different Types of Testing - Integration, System, Functional, Regression, Sanity, and Smoke.

• Expertise in Defect Life Cycle/Bug Life Cycle.

• Good Experience in using the POSTMAN tool for creating Methods and getting STATUS CODE for the response.

• Hands-on experience in tracking and reporting defects using the Defect Tracking tool – JIRA &JILE.

• Involved in ceremonies like Daily Scrum call, Sprint planning, Sprint review, and Retrospective.

**TECHNICAL SKILLS**

* Automation Testing
* Selenium
* Cucumber BDD Framework
* Core Java
* Manual Testing
* SQL Queries
* API with Postman
* Linux terminal
* Shell scripting
* Python scripting
* Agile with Jira
* Scrum/Kanban boards
* Git and version control

**WORK EXPERIENCE**

**QA Engineer – Automation testing**  
Tata Consultancy Services, Chennai *(Jan 2022 – present)***Domain:** Banking/Financial Inclusion

Worked on a government-led financial inclusion project aimed at making financial services more accessible, transparent, and inclusive across all demographics.

**Roles & Responsibilities:**

* Designed and maintained modular test automation frameworks using Selenium and TestNG for scalable regression suites, with CI pipelines ensuring quality deployments over production.
* Analyzed user stories, prepared Cucumber feature files, and automated test scenarios using Selenium WebDriver and Core Java.
* Designed reusable code modules to increase automation efficiency.
* Validated backend data using SQL queries for integrity checks.
* Created and executed detailed manual test plans and test cases.
* Acted as a liaison between the client and the development team, consolidating requirements and ensuring smooth communication.
* Executed over 100+ UAT test cases, identified and reported 150+ defects using Jile and Postman.
* Collaborated with the development team for root cause analysis and defect resolution.
* Maintained test documentation, daily status reports, and 97%+ post-deployment performance rating.
* Conducted scrums with kanban boards for agile implementation.

**Associate Engineer – QA**  
V5 Global Services Pvt Ltd, Chennai (*Oct 2020 – Dec 2021)***Client:** Bharati Airtel | **Domain:** Telecom/Networking

Led the quality assurance efforts for a customer-facing mobile application project, ensuring seamless functionality and performance with manual testing, test case generation and agile implementation.

**Roles & Responsibilities:**

* Conducted extensive UAT involving over 100 test cases and reported 150+ bugs using tools like Postman and Jile, with a focus on functional testing for mobile applications.
* Regular Unit testing and basic load testing using JMeter, browser performance validation, or security validations, for user handling for CI deployments.
* Performed manual testing on mobile applications, validated API request/response through debugging tools.
* Tracked task progress using Scrum/Kanban methodologies, adapting to changing priorities.
* Accessed and validated data from the backend using SQL queries.
* Actively engaged in Agile workflows to ensure timely test execution and bug resolution.

**EDUCATIONAL BACKGROUND**

Bachelors in *Electronics and Communication Engineering* from Ramco Institute of Technology, affiliated with Anna University, Chennai graduated in *2020*