

MATHIMARAN RAJENDRAN

SDET (Software Development Engineer in Test)

✉ mathimaran02@gmail.com

☎ +91 6383585161

📍 Tamil Nadu, India

🌐 [linkedin.com/in/mathimaran-rajendran-6b7b8217b](https://www.linkedin.com/in/mathimaran-rajendran-6b7b8217b)

🐙 github.com/trichymathi

PROFILE

Experienced Automation Tester with 3 years of hands-on expertise in designing, implementing, and executing automated test scripts for web and mobile applications. Proficient in utilizing Selenium WebDriver, Java or other scripting languages to streamline testing processes and ensure product quality. Proven track record in developing robust automation frameworks and conducting comprehensive regression and performance testing. Strong analytical skills combined with a commitment to delivering high-quality software solutions. Excellent communicator adept at collaborating with cross-functional teams to achieve project milestones efficiently.

PROFESSIONAL EXPERIENCE

Maveric Systems Limited, *QUALITY ENGINEER*

May 2022 – May 2025 | Chennai, India

Project: CITI BANK -APAC & EMEA (Investment Banking)

- Experienced in financial domains such as Equity, Mutual Funds, TWA, and Retail Banking, with a focus on APAC and EMEA markets.
- Strong technical skills in automation and backend testing tools such as Java, Selenium, Cucumber, TestNG, Appium with Perfecto, Rest Assured for API testing, along with C#, Git, Maven, JSON, and XML.
- Performed feasibility analysis for automation of inline and regression tests, followed by script development using Selenium and Java in a BDD environment.
- Hands-on experience in mobile test automation using Appium and Perfecto, with a focus on applications like Citi Bank's Digital Channel.
- Created detailed and well-documented bug reports with clear steps to reproduce, ensuring effective communication with the development team.
- Experienced in using HP ALM for managing test cases, tracking defects, and maintaining test execution cycles.
- Developed numerous reusable methods to optimize script development time and enhance automation efficiency.
- Converted base regression test cases into automation scripts and consistently achieved successful execution reports in every release cycle.
- Skilled in running regression test suites in batch mode using scheduled or hands-free execution to optimize testing efficiency.
- Skilled in testing and validating Digital Banking solutions on Mobile and Web UI interfaces.
- Handled simultaneous execution of both web and mobile application test cases to ensure comprehensive cross-platform validation.
- Managed parallel execution of web and mobile application tests to maintain consistency across platforms.
- Actively participated in Agile ceremonies such as sprint planning, daily stand-ups, and retrospectives, ensuring timely delivery of test cases and automation scripts aligned with sprint goals.
- Contributed to defining test strategy and planning activities, including scope identification, test case prioritization, and risk-based testing approaches for regression and release cycles.
- Involved in defect triage meetings to analyze root causes, assign severity and priority levels, and coordinate with developers and stakeholders for prompt resolution.
- Trained teammates to transition from Functional testers to Techno-Functional testers.
- Honored with the Maveric Leadership Award under the 'Commitment' category for successfully learning and implementing the Quantum BDD framework.

DOMAIN

- Experienced in BFSI and Wealth Management domains, specializing in Equity, Mutual Funds, and TWA.
- Experience in Digital Banking across both Mobile and Web UI platforms, ensuring seamless user experience and functionality.

PROJECTS

Title: CITI BANK -APAC & EMEA (Investment Banking)

Role: Quality Engineer

Tools & Technologies:

Java, Selenium, Cucumber, TestNG, Perfecto (Appium) Cloud Automation, Git, Bitbucket, HP ALM.

Project Description:

Citi Bank offers an online and branch trading platform for Equity, Mutual funds and Bonds, it also provides employee stock ownership plans, advisory services, margin lending, online banking, and cash management.

Key Responsibilities:

- Conducted automation feasibility analysis and provided detailed reports to clients for inline and regression cycles, identifying test cases suitable for automation using Selenium Java.
- Developed Selenium and Appium scripts to automate manual test cases for web and mobile platforms, increasing test coverage and reducing execution time.
- Implemented end-to-end automation for web and mobile applications using Selenium Java, replacing manual test efforts with efficient automated processes.
- Enhanced existing test automation frameworks to improve scalability, maintainability, and execution efficiency across web and mobile platforms.
- Improved automation frameworks by integrating reusable components, optimizing execution time, and enabling better reporting and debugging capabilities.
- Led enhancements to the automation testing framework using [e.g., Selenium, Cucumber, TestNG, etc.], resulting in streamlined test execution and reduced maintenance overhead.
- Designed and executed functional, regression, and automated tests using selenium.
- Prepared test data and identified end-to-end test scenarios.
- Managed testing priorities and monitored activities to meet deadlines for assigned features.
- Executed re-testing and defect verification to ensure issue resolution.

TOOLS

- Test Automation Tools – Java, C#, Selenium (UI)
- Test Frame Works - Cucumber, TestNG, Junit, Extent Reports, Logger.4j
- Mobile Testing Tools - Perfecto, Appium
- Api Testing Tools - Rest Assured
- Version Control - Bit Bucket, Git
- Test Management Tools - HP ALM/JIRA
- IDEs -Eclipse, IntelliJ

EDUCATION

- **B.E. in Mechanical Engineering** – K. Ramakrishnan College of Technology, Trichy | 2017–2021 | CGPA: 8.4
- **HSC (12th Grade)** – BHEL Matriculation Higher Secondary School, Trichy | 2016-2017 | 81 %
- **SSLC (10th Grade)** – BHEL Matriculation Higher Secondary School, Trichy | 2015 | 90 %