

SUBRAMANI CHINNASAMY

☎: +447776349687 | ✉: subbuam@yahoo.com

PROFILE SUMMARY

- Dynamic, result oriented and seasoned IT Senior Quality Assurance Professional with **16+ years** with impeccable career record in Manual testing and Automation testing, leading an offshore team of 5 members and leveraging contributions at each stage of Software Testing Life Cycle (STLC) in the domain of banking, finance, Logistics & others.
- Proficient at Designing, developing and implementing operating methods and procedures to ensure the effective release and execution of test plans, test scenarios and test cases for all software products.
- Deft at automation test scripts and test data for functional and business scenario tests, reporting, analyzing, and monitoring software defects, Defect Tracking, reporting defects, sending RAG Reports and performing re-testing, expertise in Defect Tracking Tools-JIRA.
- Demonstrable experience in Automating Test scenarios via API automation (RestSharp), writing Integrated System Test Scenarios, customer-like scenarios and Test cases and executing them.
- Proficient in Functional, Usability, Regression testing, Sanity testing and smoke testing, Exposure to API Test Automation using Rest Assured, Knowledge of API testing using Postman, Jenkins for Test Automation execution and multiple frameworks TDD and BDD.
- Working knowledge of Open-source tools such as Selenium WebDriver and TestNG is highly preferred. JMeter, JUNIT, RestSharp, SpecFlow, N-Unit, Maven, Jenkins and SonarQube for continuous integration/deployment and test automation experience preferred.
- Proven experience in JAVA, C#, .NET, Visual Studio, Python and Automation framework.

CORE COMPETENCIES

<ul style="list-style-type: none">• Languages:• Testcase Management Tools:• Repository Tools:• Security & Compliance:• Automation & Scripting:• Database Management:• Software Testing:• Manual Testing:	C#, .NET, JAVA, Python. JIRA, Test-Rail Git, Bitbucket, GitHub Veracode, Blackduck, Checkmarx. Python, PowerShell, Bash Oracle, MSSQL Server, DB2 and Cosmos DB. Manual Testing, Automation Testing SDLC & STLC, Smoke, Regression Testing, Functional, Integration, System testing, Adhoc Testing, UAT Testing, Writing, Execution of test cases.
<ul style="list-style-type: none">• Automation Testing:	Dynamic Objects using Xpath expressions, writing scripts, TestNG & Annotation, Remote Web Driver, Locators, Object Model Multiple Elements, API Testing by creating Payloads & creating Test suite and validating PR raised Offshore Team.

TECHNICAL SKILLS

<ul style="list-style-type: none">• Testing Tools & Framework• Operating Systems• Configuration Management• Scripting• Build Tools• Web Server• Application Server• Application Monitoring tools• Continuous Integration Tools	Selenium, RestSharp , Log4jnet , Specflow , Swagger, N-Unit, TestNG, SoapUI, Rest Assured, Wiremock, FinSim. Unix, Linux, AIX, HP-UX, Windows. GIT, Bamboo, Perforce, BitBucket Shell Scripting, Groovy Scripting Maven, Ant, Gradle IIS, Apache httpd Apache Tomcat Grafana, Prometheus Jenkins
<ul style="list-style-type: none">• Container and Orchestration Tool• Bug Tracking Tool• Application security and SCA• Artifactory storage• Programming Language	Docker, Kubernetes Jira Blackduck, Fortify and SonarQube Jfrog and Bitbucket JSON and Python

WORK EXPERIENCE

Senior API Automation Engineer NewDay Technologies, London, England	Oct2023 – Aug2024
<i>Fraud Case Management</i>	<i>Contract role</i>
<ul style="list-style-type: none">• Create and automate over 200 API test cases with RestSharp, Specflow, N-Unit, boosting test coverage by 45% and reducing manual testing time by 60%.• Developed and implemented a continuous testing framework using Jenkins and RestSharp regression testing cycles by 30%• Enhanced API performance by conducting systematic loading with JMeter, leading to a 20% reduction in average response times.	

- Collaborated with cross functional teams to resolve 250+ API -related bugs, increasing system reliability and performance by 30%.

Responsibilities:

- Analyzing the stories picked by development team in sprints to understand the acceptance criteria and use cases for testing.
- Involved in project as a contributor for the framework development with **C#, SpecFlow, BDD using N-Unit Framework**.
- Ran Smoke tests and generated using N-Unit GUI.
- Tested business logics through RESTful API methods like **GET, PUT, POST, and DELETE**.
- Enhancement of applications using **C#, SpecFlow, Visual Studio**.
- Authored test scenarios in SpecFlow for Behavior-Driven Development (BDD).
- Wrote feature files in Gherkin format using SpecFlow in Visual Studio and created corresponding step file to complete the story for BDD.
- Done Automation Scripts for testing API using **RestSharp** in C#.
- Participating in constant discussion with PMO and BA regarding the features to be delivered.
- Involved in SIT testing and UAT testing with the NewDay team.
- Automation testing for API services using postman and integration test for message stream components.
- Involved in demos for all automated test scripts and design documents.
- Setting specific configurations for SIT and UAT to get deployed in production.

Lead Quality Assurance Engineer| Fidelity Information Services, Pvt, Ltd.**Mar2010 – Jun2023**

Permanent role

- Developed an automated testing suite framework using Python for clearing and settlement -banking products.
- Create and automate over 800 API test cases with Rest assured, boosting test coverage by 45% and reducing manual testing time by 60%.
- Enhanced API test coverage by 40% through the implementation of data-driven testing strategies, resulting in a 25% decrease in production bugs.
- Designed and executed comprehensive performance testing scenarios for API Services which identified bottlenecks and enhanced API response times by 35%.
- Collaborated with the development team to integrate continuous testing into the CI/CD pipeline, reducing deployment time by 30%.
- Led a team of 5 automation engineers to ensure adherence to best practices, resulting in a 15% reduction in error rates across API services.
- Using Risk based approach, determine the level and complexity of testing needed. working with IT development and other USP groups/units.
- Collaborating with managers in frequently contacted groups to support IT and SOA process improvements and ensure the accuracy of technical documentation.
- Setting software quality strategy, standards and best practices, identifying, developing and maintaining software quality standard operating procedures, exploring and suggesting risk-based and business process testing strategies to meet project testing needs.
- Improved test data management processes by introducing test data generation, cutting test setup time by 20%.
- Achieved 20% increase in test script maintainability by transitioning to a modular testing approach using java.
- Conducted training sessions for cross functional teams elevating their proficiency in using automated testing tools by 40%.

EMPLOYMENT HISTORY(Previous)

Organization	Designation	Duration
Mastek UK	QA Engineer	Dec 2007 - Feb 2008

EDUCATION

- Madras University, India, Bachelor of Engineering in Mechanical Engineering- 1997