Udhaya Kumar Sekar

Senior QA Engineer

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Profile Summary

Senior QA Engineer with 8+ years of experience in manual and automation testing, specializing in Selenium WebDriver, API testing with RestAssured & Postman, and BDD frameworks like Cucumber. Proficient in Java, Jenkins, Git, performance testing using JMeter, and Agile methodologies, with expertise in developing robust automation frameworks and ensuring high-quality software delivery.

Professional Snapshot

- Comprehensive expertise in the Software Testing Life Cycle, Defect Life Cycle and Methodologies like Agile and Waterfall
- Strong Proficiency in Core Java and Python (Object Oriented Programming) principles, emphasizing scalable, maintainable and efficient test automation code.
- Proficient in designing and implementing advanced automation frameworks, including BDD Cucumber and Data-Driven frameworks using Selenium WebDriver and Playwright to enhance test efficiency
- Hands-on experience in API testing using RestAssured and Postman,ensuring seamless integration between services
- Hands On Experience with JMeter for performance and load testing.
- Skilled in both manual and automated functional testing, alongside various non-functional testing types
- Strong CI/CD experience with Jenkins and Git, facilitating seamless test execution, deployment, and version control

Technical Expertise

- Selenium WebDriver
- Git
- Playwright
- JMeter
- PostMan
- VSCode
- Core Java
- TestNG
- Python
- Cucumber
- RESTAssured
- Agile
- Jenkins

PROFESSIONAL EXPERIENCE

Senior QA Engineer | Tanama Software | Nov 2022 – Oct 2025

Project : Orchid Insurance | Dec 2022 – Oct 2025

Orchid is The First Choice for catastrophe property insurance for thousands of agencies from coast to coast and Offers a wide range of homeowner's products to suit customer's needs.

Tools : Selenium WebDriver, Core Java, Cucumber BDD, Playwright (JS), JMeter, Jenkins, JIRA, Git, Manual Testing

Roles & Responsibilities:
- Performed functional, regression, system testing to validate end to end application functionality
- Designed and implemented automation test scripts
- Developed BDD frameworks using Cucumber and Gherkin to enhance collaboration between technical and non-technical stakeholders
- Interpreting JMeter test reports, logged and tracked defects using JIRA and automated test cases in Jenkins pipelines for CI/CD

B2 Consultant | Capgemini | Mar 2022 – Aug 2022   Client : Nomura

- Participated in all Agile ceremonies, including sprint planning, daily stand-ups, demos, and retrospectives, contributing to continuous improvement efforts

Test Engineer | EdgeRock Software Solutions | Dec 2016 – Feb 2022

Project : Discover Financials | Sep 2019 – Jan 2022

Tools & Technology Used: Selenium WebDriver, Core Java, TestNG, Jenkins, JIRA, Git.

Roles & Responsibilities:
- Designed and maintained Page Object Model-based automation framework, integrating reusable components, utility functions, and WebDriver-specific libraries.
- Created and maintained test cases, executed them across multiple test cycles, and validated key functionalities in both UI and API layers.
- Prepared daily execution status reports, defect summary dashboards, and test progress documentation, shared regularly with stakeholders and QA leadership

Project : Bank Of America | Dec 2016 – Jun 2019
Tools & Technology Used: Manual Testing, API Testing, PostMan, ALM
Roles & Responsibilities:
- Maintained comprehensive documentation of test cases, test scripts, and testing processes.
- Collected, analyzed, and presented quality metrics to assess testing effectiveness and identify areas for enhancement., integrating reusable components, utility functions, and WebDriver-specific libraries.
- Defined test scope, objectives, and deliverables in collaboration with stakeholders

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EDUCATION

VelTech University Chennai | 2014 – 2016

M.tech in Automobile Engineering

Adhiyamaan College Of Engineering | 2009 – 2013

Bachelor of Engineering in Mechanical Engineering