Advanapu Sivasai Krishna
QA Engineer

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Summary

- QA Engineer with 3.9 years of experience in Automation and Manual Testing within the Telecom and Finance sectors. Expertise in Selenium in developing optimized test scripts, leading to a 20% reduction in testing cycle time.
- Proficient in UI/Web automation using Selenium with Java and Playwright with JavaScript, with hands-on experience in building and maintaining scalable automation frameworks using BDD (Cucumber), TestNG, and Page Object Model.
- Experienced in developing reusable test scripts, maintaining CI/CD pipelines via Jenkins, and performing cross-browser/front-end testing for web applications.
- Skilled in various testing methodologies including Functional, Regression, UAT, E2E, and Smoke testing, with strong understanding of SDLC, STLC, and defect lifecycle management.
- Strong knowledge of Agile methodologies, actively participating in sprint planning, daily stand-ups, reviews, retrospectives, and user story analysis.
- Proficient in API testing using Postman and Rest Assured, with basic SQL knowledge for backend validation and data integrity checks.
- Experienced in using tools like JIRA, TestRail, Git, GitHub, Bitbucket, IntelliJ, Eclipse, and VS Code, with a collaborative mindset and strong communication skills, working closely with developers, testers, and business analysts across Telecom and Financial domains.

Technical Skills

- **Programming Languages:** Java, JavaScript
- **Testing and Automation:** Selenium WebDriver, TestNG, Cucumber, Gherkin, BDD, TDD, Playwright
- **Tools:** JIRA, Maven, Git, Jenkins, GitHub, Bitbucket, TestRail
- **Web Technologies:** CSS selectors, XPath
- **Databases:** SQL
- **API and Webservices:** Soap UI, Rest Assured, Postman, Swagger
- **Documentation:** Change Request analysis, Test case development, Defect reporting
- **Methodologies:** Software Development Life Cycle, Software Test Life Cycle, Agile Methodologies

Professional Experience

- **Nisum Consulting Pvt Ltd**   May 2024– Present
  Software Engineer
- **Tech Mahindra**   Aug 2021 – Feb 2024
  Software Engineer

Work Experience

Nisum Consulting Pvt Ltd   May 2024 – Present
Automation Tester   Client: Experian

- Worked on developing and maintaining automated Regression and Smoke test suites using Playwright with JavaScript and Cucumber (BDD) to validate application functionality.
- Leveraged Gen AI tools, including GitHub Copilot within Visual Studio Code, to write, optimize, and refactor automated test scripts, resulting in significantly reducing manual effort and accelerating the testing process for functional requirements and user stories.
- Improved test case management and traceability by utilizing TestRail, resulting in more efficient tracking, execution, and reporting of test outcomes across test cycles.
- Gained and applied in-depth knowledge of feature functionality and detailed functional requirements to design effective test cases and ensure accurate test execution.
- Proficient in designing scalable, maintainable test suites using modern engineering practices, including Page Object Model and code refactoring.
- Responsible for maintaining and executing Regression and Smoke test suites. Updated test scripts to reflect new features and UI changes, ensuring alignment with current application behavior and minimizing test flakiness.

Tech Mahindra   August 2021 – Feb 2024
Automation Tester   Client: Cricket Wireless

- Maintained a clean code base by re-factoring existing test scripts when expanding the test suite to encompass new features.
- Increased product quality and reduced manual testing by designing and implementing Selenium automation tests in Java.
- Analyzed root causes and fixed daily failures from Jenkins job. Regularly updated and maintained automated test cases to align with changes in application features by incorporating new test cases using the Page Object Model design pattern.
- Participated in regular code reviews, reinforcing best practices, and maintaining code quality standards.
- Ensured unwavering consistency and reliability in functionality through the daily execution of automation scripts.
- Utilized IntelliJ as an IDE to develop and update existing framework, Jira for bug/defect tracking and Git as version control systems for code checkout.

Education

- Bachelor of Technology in Electronics and Communication   June 2016 – July 2020
  Visvodaya Engineering College.