LAVANYA M

Software Test Engineer

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- KALLAKURICHI

ABOUT ME

Implementation of risk-based testing strategies to prioritize testing efforts based on the impact and likelihood of potential issues and Competent in testing mobile applications across different devices and platforms, ensuring a seamless user experience.

SKILLS

- Java Selenium
- TestNG
- BDD Cucumber
- Postman
- Rest Assured
- Jenkins
- Appium
- JIRA
- Maven
- SQL
- GIT
- Android Studio
- XCode

EDUCATION

B. E | ECE
SA Engineering College
2014 - 2018

WORK EXPERIENCE

ITMDev Technologies
Jan 2019 - Present

I have gained **4+ years** of **experience in software testing** by using tools like **GIT, SQL, Maven, JIRA, Appium, Jenkins, Rest Assured, Postman, BDD Cucumber, TestNG, Java Selenium** and Track and report on key testing metrics, such as test coverage, defect density, and testing progress, for project stakeholders.

PROFESSIONAL SUMMARY

- Established and reported key test automation metrics (e.g., pass/fail rates, execution times) to assess and improve the overall testing process.
- Implemented mocking and stubbing techniques to isolate test scenarios and simulate external dependencies.
- Extensive experience in configuring Jenkins jobs for building, testing, and deploying applications in various environments.
- Strong understanding of centralizing and managing dependencies through a company-wide Maven repository for better control.
- Ability to debug and troubleshoot issues in Cucumber test scripts effectively.
- Experience in implementing the Page Object Model design pattern for maintaining scalable and readable Appium scripts.
- Proficient in using version control systems like Git for managing and versioning Postman collections.
- Expertise in parsing JSON and XML responses using Rest Assured to extract and validate specific data elements.
- Familiarity with using Appium to extend Selenium for mobile application testing.
- Skillful in managing test dependencies with TestNG, ensuring a specific order of test method execution.
- Strong understanding of managing backlogs in Jira, including prioritization and grooming of user stories and test cases.
- Experience in working with database triggers for automating actions based on data changes.
- Familiarity with using Cucumber for API testing and validation.
- Proficient in testing on real devices as well as emulators/simulators to ensure comprehensive coverage.

PROJECT I - FRAGRANCEOUTLET

Domain : ECommerce
Jun 2021 - Present

DESCRIPTION

FragranceOutlet.com is a cosmetics company that sells beauty and skin health products online and that they only sell genuine brand-name fragrances, colognes, beauty products, and accessories.

SKILLS

- Java Selenium
- BDD Cucumber
- Postman
- Rest Assured
- Jenkins
- Appium
- Android Studio
- XCode

ROLES AND RESPONSBILITIES

- Expertise in utilizing environment variables in Jenkins jobs for dynamic configuration and flexibility in different environments.
- Proven ability to exclude specific dependencies or transitive dependencies from the build process as needed.
- Knowledge of setting up and configuring test environments for Cucumber testing.
- Knowledge of parallel execution in Appium to optimize test suite performance and reduce execution time.
- Expertise in using dynamic variables in Postman to handle dynamic data during test execution.
- Strong understanding of handling cookies and sessions in API testing scenarios for maintaining state and session information.
- Skillful in implementing data-driven testing approaches in Selenium for testing with different sets of input data.
- Experience in designing Jira dashboards to provide stakeholders with real-time insights into project and testing metrics
- Familiarity with implementing data masking techniques in SQL for protecting sensitive information during testing.
- Knowledge of implementing Git hooks for automating pre-commit and post-commit actions to enforce development and testing standards.

PROJECT II – PINNACLE FINANCIAL BANK

Domain : Banking
Jan 2019 - May 21

DESCRIPTION

Pinnacle Financial Partners is a financial holding company that offers a range of banking, investment, mortgage, and insurance products and services. Their services include Banking, Investment, Trust, Mortgage, Insurance, Specialty lending, Online banking, Paying business expenses.

SKILLS

- Java Selenium
- TestNG
- Manual Testing

ROLES AND RESPONSBILITIES

- Demonstrated proficiency in managing project properties in Maven, facilitating configuration management.
- Expertise in executing Selenium tests across multiple browsers (Chrome, Firefox, Safari, etc.) to ensure compatibility
- Expertise in using TestNG assertions and verifications to validate expected outcomes and conditions.
- Knowledge of using Jira REST API for automation and integration with other tools and systems.
- Experience in integrating SQL queries with cross-browser testing to validate data consistency across different platforms.
- Familiarity with popular Git workflows (e.g., Gitflow, GitHub Flow) and adapting them to testing processes.
- Proficient in analyzing software requirements to derive test scenarios, ensuring full coverage of functional and non-functional aspects.
- Demonstrated skill in ensuring the reproducibility of reported bugs by providing precise steps or conditions that trigger the issue consistently.
- Extensive experience in analyzing software requirements to derive effective test scenarios and design test cases that align with user needs.
- Skilled in creating and maintaining Agile test documentation, ensuring alignment with Agile principles of minimalistic documentation.