

Ajmal K. Alikhil

Test Automation Engineer

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Objective:

- Over 8 years working experience in Information Technology, specializing in Software Quality Assurance Testing.
- Hands-on expertise in Java and Selenium WebDriver to design and implement robust automated test suites.
- Proficient in testing on Client/Server Web-based applications and good experience on Core Java, OOPs concepts.
- Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as Agile, SCRUM and Waterfall Model.
- Experience of revising and analyzing Business Requirements, creating test cases, test scripts, test data, test reports and requirement traceability matrix (RTM).

Skills:

Programming Language: Java

Automation Testing: Java, Selenium WebDriver, TestNG, JUnit, BDD (Cucumber), POM, Maven

Testing Tools: Selenium WebDriver, JUnit, TestNG, Cucumber, Postman, JMeter

Web Technologies: HTML, XPath, CSS Selectors

Test Frameworks: TestNG, JUnit, Cucumber

Test Management Tools: JIRA, Azure DevOps

Continuous Integration/Deployment: Jenkins, Git, GitHub

Build Tools: Maven

Test Reporting and Analysis: TestNG, Cucumber, Extent Reports

Version Control: Git

Database: SQL, Oracle, PostgreSQL, Snowflake

Operating Systems: Windows, macOS

Agile Methodologies: Scrum, Kanban, Waterfall

Ms. Office: Office 365, MS Office, Excel, Word

Professional Experience:

DOITT, NYC, New York

Software Test Automation Engineer

Jan 2021 – Present

- Designed, developed, and maintained Automation Test frameworks using Java, Selenium WebDriver, and Cucumber.
- Implemented the Page Object Model (POM) design pattern to improve test script maintainability and reusability.
- Developed feature files using Gherkin language to define behavior scenarios and acceptance criteria in a clear and understandable manner.
- Performed various types of Testing Such as Functional Testing, Smoke Testing, Regression Testing and Back-end.
- Executed regression test suits to validate the stability and reliability of software applications after modifications, ensuring that existing functionality remained intact.
- Conducted code reviews and provided feedback to ensure adherence to BDD best practices and readability of Gherkin scenarios.
- Utilized Postman to create and execute API test cases, ensuring the reliability and functionality of web services.

- Using Postman for validation of API responses, verifying data accuracy and adherence to specified requirements.
- Demonstrated ability to collaborate with development teams to enhance API test coverage and effectively identify and resolve issues using IICS's comprehensive testing capabilities.
- Extensive experience in utilizing IICS to create and manage API test cases, ensuring seamless integration between various endpoints and validating data accuracy and consistency.
- Using Snowflake's cloud-based data platform to conduct comprehensive data validation and testing, ensuring the integrity and accuracy of complex datasets.
- Utilized HTML to assess and validate web application functionality, ensuring seamless user experiences across different browsers and devices.
- Delivered back-end testing for data validation using SQL in Oracle and executed SQL Queries on database tables to verify the database.
- Implemented Azure Pipelines within Azure DevOps to automate test execution and enable continuous integration and delivery (CI/CD) practices.
- Documented test results, defects, and issues encountered during functional, smoke, and regression testing, providing clear and concise reports to stakeholders and development teams.
- Sound knowledge of Software Development Life Cycle & STLC, from requirements analysis to deployment, ensuring the successful delivery of high-quality software products.
- Participating in all Agile ceremonies, including daily stand-up meetings, sprint planning, sprint reviews, and sprint retrospectives, to foster effective collaboration and communication within cross-functional teams.

Environment: Java, Selenium WebDriver, Cucumber, Eclipse, Azure DevOps, Ready API, SoapUI, Informatica, XPath, Snowflake, Git, GitHub, XML, HTML, SDLC, STLC, JSON, Outlook, SDLC, STLC, IBM W3, Windows 11, Virtual Machines, Chrome, Microsoft Edge, Teams, Slack, Webex etc.

Aetna Health Insurance, Washington DC

Test Automation Engineer

Sep 2017 – Dec 2020

- Designed, developed, and maintained scalable test automation frameworks using Java, Selenium WebDriver, Maven, and TestNG.
- Skilled in integrating TestNG with build tools (such as Maven) to facilitate continuous integration and automated test execution.
- Collaborated with cross-functional teams to identify test automation requirements and develop comprehensive test scripts.
- Used testing annotation to group the test methods and for cross-browsers.
- Employed JUnit test suites to organize and execute a collection of related test cases, allowing for easier management and execution of test suites.
- Integrated JUnit with build tool Maven and Continuous Integration (CI) systems to automate test execution as part of the build process.
- Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites using TestNG annotations and Maven as project build tool.
- Proficient in utilizing Apache JMeter for performance testing to evaluate and measure the performance, scalability, and reliability of web applications, APIs, and other systems.
- Utilized JMeter assertions and assertions libraries to validate performance thresholds and expected behavior during load and stress tests.
- Integrated Jenkins with version control, Git to trigger test automation builds and ensure consistency across code repositories.

- Implemented Regression and Smoke test execution as a distinct step of the deployment process by using Selenium WebDriver.
- Identified and reported defects using JIRA, tracked their resolution, and retested fixes to ensure proper closure.
- Expertise in designing and executing complex SQL queries to test data transformations, aggregations, and data integrity constraints.
- Experienced in generating comprehensive test reports using TestNG's built-in reporting capabilities or integrating with external reporting tools.
- Participated in daily stand-up meetings, sprint planning, and retrospectives to contribute to an agile development environment.

Environment: Java, Selenium WebDriver, TestNG, Maven, SQL Oracle Developer, Jenkins, Oracle DB, SQL, IntelliJ, Firebug, Fire Path, XML, HTML, XPath, Git, GitHub, SDLC, STLC, XML, HTML and JSON, Windows 10 -11, Chrome, Safari, Firefox etc.

Deutsche Bank, Baltimore, MD

Manual Test Engineer

May 2015 – Aug 2017

- Designed, executed, and maintained comprehensive test cases, test scenarios, and test scripts to validate application functionality, user interface, and system behavior.
- Developed and implemented efficient test strategies, including regression testing, smoke testing, and exploratory testing, to identify defects and ensure product stability.
- Collaborated closely with cross-functional teams, including developers, product owners, and business analysts, to understand requirements and provide valuable insights for quality improvements.
- Conducted thorough root cause analysis of identified defects, providing detailed reports and recommendations to improve the overall quality and reliability of the software.
- Conducted usability testing and user acceptance testing (UAT), collaborating with end-users to gather feedback and ensure that the application meets their needs and expectations.
- Proficient in performing boundary testing, negative testing, and security testing on APIs using SoapUI and Postman to identify vulnerabilities and ensure robustness.
- Document test results, defects, and other relevant information in a clear and concise manner.
- Collaborate with cross-functional teams, including developers and business analysts, to address and resolve software defects.
- Creating and reviewing test requirement documents, test plan and test result documentation.
- Analyzed the Business Requirements Document and system specifications and identified the test requirements and created test scenarios from user stories.
- Participate in agile development processes, providing valuable insights during daily stand-up meetings, sprint planning and retrospective meetings.

Environment: Postman, PostgreSQL, Oracle DB, SQL, SDLC, STLC, Teamwork, Slack, Excel, MS. Office.