Automation Engineer in test

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**G.C Holder (Permanent Resident)**

# Objective

To become the member of a will-discipline, dynamic and competent group where I can prove myself as enthusiastic, creative, career oriented energetic and self motivated person.

# Professional Summary

* Over 7 years of experience as a Quality Assurance Engineer with hands on experience in both Manual and Automation testing on Web Based and Client-Server applications.
* Extensive working experience on all phases of Software Development Life Cycle (SDLC), Its methodologies such as Agile and Scrum.
* Professional expertise in Smoke Testing, Backed end Testing, Black-Box Testing, User Acceptance Testing, Functional Testing, Positive/Negative Testing, System Testing, Regression Testing, UI Validation and Backend Testing.
* Hands-on experience in API Testing using POSTMAN for manual and Karate framework for API Testing.
* Experienced in using JIRA as product, task and bug management tool.
* Highly motivated, self-starter able to work independently and collaboratively within diverse technical and management teams.
* Expertise in Selenium WebDriver for web application automation, creating efficient and scalable automated test suites.
* Implemented Behavior-Driven Development (BDD) frameworks such as Cucumber to facilitate collaboration between technical and non-technical team members.
* Developed and maintained Test-Driven Development (TDD) frameworks to ensure early defect detection and efficient code quality.
* Utilized Maven for build management, streamlining the automation project's lifecycle and ensuring project dependencies are managed effectively.
* Implemented Jenkins for Continuous Integration and Continuous Deployment (CI/CD), automating the build and deployment processes for faster and more reliable releases.
* Integrated Extent Reports with BDD and TDD frameworks to generate comprehensive and visually appealing test reports, facilitating better test result analysis.
* Engaged in manual testing activities to complement automated testing efforts, ensuring a comprehensive approach to software quality assurance.
* Collaborated with cross-functional teams to understand project requirements and provide valuable input during the development lifecycle.
* Actively participated in code reviews and provided constructive feedback to enhance the overall quality of the automation codebase.

# PROFESSIONAL EXPERIENCE

**Software Test Automation Engineer, Eagle Bank, June 2021 – Current**

* Actively participating in code review meetings with peers.
* Attending lunch and learn sessions with other QA members.
* Performing functional, smoke and regression testing on a regular basis.
* Utilize CSS selectors, IDs, and XPaths to locate elements on Web pages
* Used Selenium WebDriver to test cases in multiple browsers and across Platforms
* Wrote feature file with all the scenarios of the requirements using Gherkin language keywords.
* Followed Behavior Driven Development process for project automation using Cucumber.
* Developed Automation framework implementing Page Object Model, using JAVA, Selenium Web driver and Cucumber.
* Solid knowledge of SQL.
* Proficient in Java programming language for developing and maintaining automated test scripts, ensuring code reliability and efficiency.
* Extensive experience with Selenium WebDriver for web application automation, proficiently creating and executing test cases to validate software functionality.
* Implemented and utilized Behavior-Driven Development (BDD) frameworks, such as Cucumber, to enhance collaboration between development and testing teams and improve test case clarity.
* Demonstrated expertise in designing, implementing, and executing automated test scripts, resulting in improved test coverage and faster identification of defects.
* Played a key role in the development and maintenance of automation frameworks, ensuring scalability and ease of maintenance for ongoing projects.
* Successfully integrated automation scripts into Continuous Integration pipelines, enhancing overall development efficiency and facilitating early bug detection.
* Collaborated with cross-functional teams to understand testing requirements and actively participated in sprint planning to align testing efforts with development timelines.
* Conducted comprehensive test case reviews, identified areas for automation, and implemented solutions to increase overall test efficiency.
* Maintained a proactive approach to identifying and addressing software defects, contributing to the delivery of high-quality software products.
* Continuously improved test processes and strategies, staying abreast of industry best practices and implementing relevant methodologies to optimize testing efforts.

**Environment:**

Selenium Web Driver, Jenkins, MAVEN, Cucumber BDD framework, Gherkin, Eclipse, IntelliJ, XML, HTML, SQL, Xpath, MS Office, SDLC, JSON, Windows, Browser: Chrome, Firefox, Edge and IED and Core Java.

**QA Automation Engineer, State Farm Insurance, March 2019 – May 2021**

* Experience with Postman tools for Manual Testing API Rest Request.
* Experience on Core Java, OOPS concepts.
* Responsible for writing and maintain Selenium WebDriver scripts for regression and functional testing using data driven framework.
* Developed test code in Java language using Selenium WebDriver and TestNG framework.
* Involved in testing the application utilizing the Scrum (Agile) methodology.
* Ensuring code functionality, performance, and security
* Providing application support
* Implementing strategies to enhance testing
* Creating and maintaining automated test cases and suites
* Proficient in Java programming language, leveraging it to develop and maintain robust automated test scripts for web applications.
* Extensive experience with Selenium WebDriver to create and execute automated test suites, ensuring the thorough validation of software functionality.
* Expertise in Test-Driven Development (TDD) frameworks, employing a proactive approach to software development that emphasizes test creation before code implementation.
* Designed and implemented TDD frameworks to facilitate early defect detection, improve code quality, and streamline the software development life cycle.
* Utilized Java-based testing frameworks in conjunction with Selenium to establish scalable and maintainable automation solutions.
* Actively participated in code reviews and collaborated with development teams to incorporate testability into the design and development process.
* Implemented and maintained automated testing pipelines, integrating TDD practices into Continuous Integration workflows for rapid and reliable software delivery.
* Conducted comprehensive testing activities, including unit tests and end-to-end tests, to validate software functionality and enhance overall code quality.
* Collaborated with cross-functional teams to understand project requirements and ensured that automated test suites align with business objectives.
* Contributed to the identification and resolution of software defects through systematic testing approaches, reducing the likelihood of issues in production.

**Environment:**

Selenium Web Driver, Jenkins, MAVEN, TestNG TDD framework, Eclipse, Eclipse, XML, HTML, SQL, Xpath, MS Office, SDLC, JSON, Windows, Browser: Chrome, Firefox, Edge and IED and Core Java.

**Quality Assurance Engineer (Manual Tester), Low’s | Feb 2016 – Feb 2019**

* Proficient in manual testing methodologies, utilizing industry-standard tools such as Jira for test case management, defect tracking, and project collaboration.
* Write & execute functional and regression Manual tests using requirement document.
* Triaged and troubleshot issues found during testing.
* Utilized JIRA as defect tracking tool on the project.
* Performed End-to-End testing of database to check data integrity using SQL queries.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with SQL queries from the oracle database.
* Interacting with the test manager to fix common errors
* Reviewing high quality and accurate test scenarios, input test data and expected results for all test phases
* Executing tests systematically to ensure software quality
* Participate in Agile Scrum methodology and attend daily scrum, sprint grooming, and Sprint planning and sprint review meetings.
* Working with QA Director to achieve organizational goals and objectives.
* Demonstrated expertise in creating and executing manual test cases, ensuring comprehensive coverage of software functionality and adherence to project requirements.
* Utilized Zephyr for Jira to streamline test management processes, facilitating efficient test case creation, execution, and tracking within the Jira ecosystem.
* Excelled in creating detailed test documentation, including test plans, test cases, and test scripts, providing a clear roadmap for testing activities.
* Proficient in using Excel for test data management, result tracking, and analysis, enhancing the effectiveness of manual testing processes.
* Applied exploratory testing techniques to identify potential issues and ensure a thorough validation of software functionality beyond predefined test cases.
* Collaborated with development teams to understand software requirements and participated in design and specification reviews to ensure testability.
* Using Postman for API testing, validating the interaction between different software components and ensuring data integrity.
* Actively participated in the software development life cycle, providing valuable input during requirements gathering, sprint planning, and release activities.
* Consistently delivered high-quality bug reports, including detailed steps to reproduce and relevant information for efficient debugging and resolution.

**Environment:**

MS Office, SDLC, JSON, Windows, Browser: Chrome, Firefox, Edge and IED, Jiram Zypher and etc.

# Technical skills

Operating System Windows

Testing Tools Selenium IDE/WebDriver

Languages Java, SQL

Web Technologies HTML, XML, CSS

IDE Eclipse, SQL Developer & IntelliJ

Test Framework TestNG, Cucumber

Build Tool Maven

Processes Agile-Scrum

Tracking Tools Jira

Database PostgreSQL

# Education

Dawat University, LAW, 2015