Shahidul Islam

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Software Test Automation Engineer with 6+ years of experience in software quality assurance and software testing in various industries, projects, and environments. Specialized in automated testing in various business domains including financial, healthcare, IT Services, Created Automation of frameworks and test scenarios are a strong compliment to my quality assurance testing approach in Agile Scrum environment. This includes in-depth experiences with the implementation of application and automation test environments.

**Professional Summary:**

* Firm knowledge of different phases of Software Testing and Software Development Life Cycle (SDLC) including Agile Scrum.
* Participate in peer reviews for requirements and technical specifications.
* Develop and document application test plans based on software requirements and technical specifications.
* Experience in writing Test Plans, defining Test Cases, developing and maintaining Test scripts, analyzing the results of scripts, interaction with developers in fixing the errors.
* Involved in development of Test Process, prepared test scripts, running tests, and reported status of the tests.
* Write and execute automated test cases using Selenium WebDriver to automate manual testing solutions.
* Extensively debugged Java based Selenium Web Driver scripts for accuracy and identified possible causes of malfunction.
* Creating and maintaining smoke/functional/regression scripts for web-based application using Selenium WebDriver, Java, Maven, TestNG.
* Created Automation script using Selenium WebDriver. Executed scripts on different browsers and different platforms using Selenium Grid.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium and Jenkins.
* Strong skill in Backend Testing using SQL queries on Oracle and SQL Server.
* Experienced in Test Status report generation to show test coverage, test case completion, test execution numbers, defect summary and defect classification based on multiple criteria.
* Ability to work in a team environment or independently, good at multi-tasking and working well under tight deadlines with high efficiency. Strong verbal and written communication skills.

**Technical Expertise**

* **Testing Tools:** Selenium Web Driver, Selenium Grid, TestNG, log4j, Jenkins, JIRA

Postman, Maven, Git.

* **Languages**: JAVA, PL/SQL, XML, HTML.
* **Process & Methodology:** SDLC, STLC, Waterfall, Agile scrum.
* **Database:** Oracle, MySQL, DB2, MongoDB.
* **Operating System:** Windows, Mac, Unix/Linux
* **Dev Environment:** C/C++, .Net, Java, PHP, Ruby

**Professional Experience**

**Test Automation Engineer**

**Kaiser Permanente -** Silver Spring, MDJune 2017 to Present

**Responsibilities:**

* Participate in Requirements, Design, and Test Plan reviews, and walkthrough meeting with product stakeholders, end-users and software development team.
* Created the automation framework using Selenium WebDriver, Java, TestNG, GitHub and Maven.
* Worked on distributed test automation execution using Selenium Grid for cross browser testing.
* Utilized Jenkins as part of Continuous Integration Process for execution of functional tests
* Followed Page Object Design Pattern for writing automated tests in Java.
* Developed and updated test plan documents to manage test activities across projects and the organization.
* Defined test automation strategy and test scenarios, created automated test cases, test plans and executed tests using Selenium WebDriver, TestNG and Java.
* Expertise in grouping of test suites, test cases and test methods for regression and functional testing using TestNG Annotations like Groups, Parameter, Data Provider and Tags.
* Utilized Maven to manage dependencies for test execution, plug-ins and created profiles of grouped test cases to run sanity and regression testing.
* Integrated Jenkins with version controller (GIT) and scheduled builds to run automatically during a build release by invoking predefined maven commands.
* Created XML based test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations. Selector
* Experienced in providing the efficient locators strategy like Customize Xpath and CSS to run Selenium WebDriver script in stable condition.
* Strong knowledge in Java OOPs concepts.
* Enhanced regression test cases to implement complex testing scenarios, increased permeations of functionality testing, and increased code coverage using Selenium WebDriver
* Identified UI changes and their potential impacts to existing tests.
* Tested compatibility of application/site with Internet Explorer, Firefox and Safari
* Participated in Daily Scrum meeting, Stand-up meeting, walkthrough meeting, weekly assessment meetings with business analysts and developers. Involved in Integration, Functional, Regression, UAT, Backend and End-to-End testing.
* Experienced in using defect management tools JIRA.
* Developed and executing Automation Regression test suites using Selenium WebDriver.
* Used Apache POI to read data from external sources to feed locators into the test script.
* Used Maven build management tools to manage framework dependencies jar files and plugins.
* Detected Defects, communicated to the developers using Bug Reporting Tool and Tracking the Defects using JIRA.
* Proficient in customizing Selenium Framework to suit in a testing environment and enhancing the scripts for Reusability.
* Excellent organizational and analytical abilities teamed with effective oral and communication skills.

**Environment:** Selenium WebDriver, JIRA, Confluence, Page Object Model, Maven, TestNG, Junit, XML, HTML, Java, SQL , Eclipse IDE

**Automation Tester**

**Bank of New York, New York, NY** March 2014 to May 2017

**Responsibilities:**

* Proficient in Agile development environment with frequently changing requirements and features set.
* Experienced in conducting Automation/manual testing using the standards, guidelines and structure methodology in testing the applications.
* Used Page Object Model, UI Mapping, Selenium Data Driven using CSV, CSS Selectors as a part of Framework
* Develop Selenium scripts in TestNG for parameterization using Data Provider annotation.
* Perform parameterization of the automated test scripts in Selenium to check how the application performs against multiple sets of data Contributed in developing Automation Framework that uses Java, Selenium WebDriver and TestNG.
* Used log4J to generate different logging for every step of tests.
* Code review of Selenium Automation scripts
* Executed the selenium test cases locally, on VM machines and using Selenium GRID.
* Work on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Experienced in testing Positive/Negative Testing, Black/Grey box Testing, Configuration Testing, Data Driven Testing, End to End Testing, Unit Testing, Back-End Testing, Integration Testing, System Testing and UAT.
* Performed Data driven testing using Data Provider Annotation in TestNG.
* Used GitHub as a source repository.
* Experienced in using Jenkins as a Continuous Integration server to configure with GitHub and Maven.
* Proficient in performing backend testing to validate data using SQL queries.
* Good Knowledge in participating in bug triage meetings with developers to validate the severity of the bug.
* Excellent Communication and Presentation skills, Quick learner, Motivated Team player, ability to work independently and fast paced environment.

**Environment:** SQLServer, Java, Junit, Eclipse, Selenium WebDriver, Selenium IDE, Selenium Grid, Jenkins, JIRA.

**Quality Assurance Analyst**

**AutoZone**- Memphis, TNJuly 2012 to Feb 2014

**Responsibilities:**

* Gathered specifications and requirements to develop Test Plans and to create Test Cases using Quality Center.
* Actively participated in agile testing. Completed tasks on time for each sprint to meet the deadlines.
* Used Selenium IDE for Open source web testing.
* Involved in creation of Automation test framework using Selenium.
* Used FireBug Tool to identify the Object's id, Name, XPath, link in the application.
* Added annotations to the test. (Selenium).
* Developed the Automation Test Scripts using Java and execution using Selenium.
* Involved in executing all Selenium test scripts on the different browsers and checked for compatibility.
* Regression test cases were automated using Selenium, Web Driver.
* Executing Test Cases, Test Plans and Analyzing the Test Results.
* Investigated software bugs and maintained reports, tracked defects.
* Prepared detailed reports of Bugs and Defects, Pass/Fail reports and comparison analysis, and interacted with the development teams, application and data architecture team, migration and build teams and the DBA team to report and correct defects.
* Categorized bugs based on the severity and interfaced with developers to resolve them.
* Execution of daily smoke tests to ensure the deployment of each environment is stable.