Niharika

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**PROFESSIONAL SUMMARY**

* QA Test Engineer with 8 years of experience in Automation and Manual Testing using Selenium Web Driver, TestNG, Cucumber and Java.
* Proficient in developing Automation Framework and Automation scripts with Selenium Web Driver using Core Java.
* Experienced in Test Planning, Designing, Test execution and defect management.
* Strong knowledge on Software Development Life Cycle (SDLC) as well as Software Testing Life Cycle (STLC) and the role of QA in different methodologies like Agile, Waterfall etc.,
* Good knowledge and experience of Selenium IDE, Selenium Web Driver, Selenium Grid using Core Java for developing automation scripts in Eclipse IDE.
* Experienced in handling Selenium Exceptions, Java Exceptions in a more efficient way.
* Experience in Designing Automation framework using Cucumber - Selenium - Java.
* Proficient in using Test automation tools such as Selenium WebDriver/RC/IDE/Grid to develop automation Testing scripts for web and client server Applications.
* Experienced in Designing the Java Frameworks like TestNG, Eclipse IDE for developing Automation scripts.
* Extensive experience in User acceptance Testing (UAT), End to end, System Testing (SIT), Functional Testing, Regression Testing, Validation Testing, Backend Testing.
* Expert in developing Java Selenium Web Driver Test scripts using Java, JavaScript and Test Frameworks using TestNG, MAVEN build tools.
* Expertise in tracking the Defects and log them on JIRA, RPM, QA Symphony.
* Expert in preparing Traceability Matrix to map requirement coverage with Test cases, preparing TRM (Traceability Matrix), Release/ Defect Matrices.
* Good knowledge writing SQL queries using joins.
* Extensive experience in effectively planning, executing and monitoring the activities as per scheduled timelines and identifying any course corrections needed to ensure adequate coverage and Quality
* Extensive knowledge on Cucumber and able to create feature file using Gherkin.
* Extensive knowledge with Integrated Development Environments (IDE) such as Eclipse & IntelliJ.
* Proficient in using SoapUI/Postman for testing Web Services and used various types of assertions such as soap fault, Contains, XPath etc.
* Provided timely and relevant communication on test findings to key stakeholders
* Good Knowledge on using Maven's central repository to manage external JARs and other dependencies.
* Expertise in writing and executing Test Scripts to implement Test Cases, Test Scenarios, and features for TDD (Test Driven Development), BDD (Behavior Driven Development) using Cucumber.
* Expert in using Git / GitHub as a source repository system.
* Experience using different kinds of locators like id, class, XPath, CSS selector, etc. to locate web elements using Selenium Web Driver.
* Well-developed Interpersonal and Communication skills with excellent Documentation and Presentation skills. Good team player with ability to grasp new concepts quickly and implement them in a productive manner.

**TECHNICAL SKILLS**

* Programming languages: Java, JavaScript
* Testing Tools: Selenium Web Driver/IDE, JIRA, Selenium IDE, Cucumber, Postman, TestNG, JUnit
* Web Technologies: HTML, XML, HTML 5.0, CSS3, JSON
* Databases: SQL, Oracle
* Web Services: Restful, SOAP UI, REST API
* Frameworks: Junit, TestNG
* Web Debugging Tool: XPATH, Firebug, Fire path, Jenkins, GitHub
* IDE’s: Eclipse, IntelliJ
* Operating Systems: Windows XP/7/8/10, Mac, Linux, Cloud, AWS
* CI/CD Tools: Jenkins, GitHub, Git

**PROFESSIONAL EXPERIENCE**

**Education Testing Services (ETS), NJ**   **Apr 2020 - Present**

**Sr. Test Engineer**

* Involved in analyzing Business Requirement Documents and Technical Specification document and developed test plan and test cases for testing the application.
* Developed test automation scripts using Selenium WebDriver for regression and performance testing of the various releases of the application.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing, environment using Selenium WebDriver.
* Implemented robust Page Object Model framework using Object Oriented Programming Java and open-source unit test framework TestNG that increase the code maintainability.
* Generated Test Reports using TestNG test script execution and created the error screenshots.
* Executed Maven targets to execute automation suites from command line.
* Developed automation framework by following a hybrid model approach of implementing Page Object Model and BDD using Cucumber Features, Scenarios and Step Definitions in Gherkin format.
* Performed Continuous integration automation testing using Jenkins and scheduled the tests to run at specific time and during the build deployment.
* Used GIT as version control tool, doing peer reviews and code check was done before checking the code.
* Proficient in GUI Testing, Sanity Testing, Smoke Testing, Backend Testing and Black Box Testing.
* Performed end-to-end testing considering all interfaces and subsystem for functional and non-functional testing.
* Identified correct GUI elements using various Selenium Locators, XPath and CSS to find the Web Elements using selenium and creating automation scripts.
* Used Postman and Rest Assured for REST API. Tested request and response XML's based web services interfaces using Postman.
* Created custom framework for API automation using Java Rest Assured also used Postman for validation.
* Created Test scripts for the Test Execution and Documented the Reports using HP ALM.
* Performed Backend testing using SQL queries to retrieve and verify information in the database.
* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
* Responsible for testing the application against different environments in QA, staging and production.

**Environment**: Java, Selenium WebDriver, TestNG, Maven, Cucumber, Swagger, IntelliJ, Eclipse, Jenkins, GIT, Postman, Rest, XPath, CSS, XML HP ALM, SQL, Agile, Notepad ++ and Windows.

**Blue Cross Blue Shield, Quincy, MA Jan 2017 – Feb 2020**

**Test Engineer**

* UI automation using Hybrid frameworks with combination of Data-Driven, Keyword-Driven.
* Followed agile practice using Cucumber Framework
* Responsible for implementing Page Object Model (POM) using Selenium WebDriver, Jenkins and Java
* Supported to develop Test Automation Framework with Cucumber and Selenium WebDriver.
* Developed several System Test Scripts based on System Requirements, Business Rules and Test cases.
* Prepared Test data based on the Test cases designed.
* Integrated the test suites to Jenkins to execute them automatically after every successful deployment and used it as continuous integration server to Jenkins.
* Responsible for client management and requirement gathering.
* Responsible for coordinating onsite offshore daily meetings w.r.t Regression.
* Used GIT as code repository to update files for software development.
* Performed bug tracking and reporting defects using ALM and communicated with the development team to prioritize the bugs and bug fixing.
* Work with Product owner team to understand the User Stories and add detailed test cases/acceptance test scripts from these.
* Verification of application logs for any exceptions to better understand the defect logged.
* Responsible for reporting the Status Updates to Client.
* Worked on Bulk Rate Testing.

**Environment**: Selenium Web Driver, Java-Page Object Model, Eclipse, Notepad ++, Jenkins, Gradle, TestNG, ALM, XPATH, Java, SQL Server.

**United Health Group, Bensalem, PA**  **May 2015 - Dec 2016**

**Software QA Analyst**

* Documented Automation Plan, Design and Execution Specification.
* Implemented BDD through Cucumber.
* Developed Test code in Java language using Eclipse and TestNG framework.
* Created Test Automation Framework with Cucumber and Selenium WebDriver.
* Developed several System Test Scripts based on System Requirements, Business Rules and Test cases.
* Tested Application response for Positive and Negative sets of data with Data-driven Testing procedures.
* Expertise in Testing websites and web-based Applications developed using Java, HTML, CSS and JavaScript.
* Independently analyzed and validated program specifications as well as designed and created reliable and reusable Java code that conformed to department standards and procedures.
* Developed software code for Testing using Java programming language to meet design specifications, and User Requirements as well as delivered high-quality Applications within specified deadlines.
* Involved in Smoke, Grey Box, Ad Hoc, Functional, Regression and Back End Testing.
* Performed Positive and Negative Testing.
* Mapped, Tracked, Reviewed and Analyzed the Requirements and Defects using the Traceability matrix in JIRA.
* Used QA Symphony to create and execute Test cases, store Results and Metrics, documented and maintained the Test Results and Test Logs.
* Good experience in creating BDD framework.
* Involved in verifying the back-end Tables by using SQL statements, different types of complex queries.
* Used Selenium WebDriver to provide more flexibility in automating Test cases.
* Used GitHub for code and version control.
* Supported in creating Test cases and performing User Acceptance Testing (UAT).
* Authored reporting weekly project condition to the project manager and Team Lead.

**Environment**: Java, Eclipse, Selenium WebDriver, Jenkins, Notepad ++, TestNG, QA Symphony, Cucumber/Gherkin, CSS, JIRA, GitHub, SQL.

**Education**

* Bachelor’s in computers science, India