**Swetha**

**Automation Test Engineer**

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**Professional Summary:**

* 8 years of IT experience in QA Automation Engineer as a candidate focusing on Enterprise-wide web and Client Server Applications.
* Practical knowledge in the preparation of Test Plans, Test Cases, Test Reports, Requirement Traceability Matrix.
* Strong knowledge and awareness of multiple stages of the Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), Defect Life Cycle, Agile, and Scrum techniques.
* Writing Test cases using Element locators, WebDriver methods and Java programming features. Expertise in performing Functional Testing, Integration Testing and Regression testing.
* Extensive knowledge in developing and executing automated test scripts for functional, system, integration, regression, and user interfaces using multiple frameworks depending on the project.
* Developing and building frameworks such as Behavior Driven Development (BDD), Test Driven Development (TDD), Hybrid, and Keyword-driven frameworks from scratch in a complex and fast-paced setting utilizing Selenium WebDriver and Java as a programming language.
* Developed Selenium automation scripts in Java utilizing the TestNG framework and the page object model (POM), as well as configuring the Python Web Driver, TestNG, and Maven tools.
* Equal understanding of Waterfall and Agile/Scrum approaches; attended several Sprint Planning, Grooming, Story Sizing, Test Plan Documenting, and Test Strategy meetings to examine the sprint backlog items and offer comments on prioritizing deliveries.
* Actively participated in Scrum Methodology for the project from requirements through project delivery.
* Knowledge of and expertise with HTML, XML, CSS, and version control technologies such as Git and GitHub.
* Having experience in **Java**, Selenium **WebDriver**, **Cucumber, TestNG**, **Jenkins**, **GitHub**, **Maven** Repository, **Page Object Model** Framework, Utilizations of Dependencies, Plugins and **Eclipse** IDE.
* Used the BDD technique in development teams to create web UI tests with Cucumber, Gherkin, and Selenium WebDriver. Working experience with test management and defect tracking solutions such as HP Quality Center/ALM and Jira/Agile Central.
* Strong analytical and communication abilities, as well as the ability to operate independently with little supervision and as part of a team.

**Technical Skills:**

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| **Languages** | C, Python,Java |
| **Web Technologies** | HTML, CSS, JavaScript, AngularJS, NodeJS and XML |
| **Database** | MySQL |
| **Methodologies** | Waterfall, Agile and Scrum |
| **Testing tools** | Selenium, Cucumber, Appium, JUnit, TestNG |
| **Defect Tracking and Test Management Tools** | HP ALM /Quality Center and JIRA |
| **Build Tools** | Maven |
| **CI/CD Tools** | Jenkins |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome & Safari. |
| **IDE** | Eclipse |
| **Operating Systems** | Windows, Mac OS, Linux, Android & IOS. |

**Professional Experience:**

**Client: Johnson & Johnson, New Jersey, USA**

**Role: Software development engineer in Test** **January 2021 - Present**

* Focused on Agile and Scrum Methodology, providing details for User Stories, Backlog grooming, User story demos, attending retrospective meetings, and working on Iterations (Sprints) part of releases.
* Being an SDET, I performed manual and automated testing for a variety of projects around the organization.
* Created BDD tests in Cucumber by building behavior and step definitions, as well as the Selenium support code necessary for Cucumber in JAVA.
* In charge of the development, design, and execution of test strategies, including the creation, design, and execution of test plans, test cases, and test scenarios based on requirements.
* Reviewing failed test scripts in the regression suite by reviewing Jenkins logs and resolving the underlying issue.
* Splitting scenarios to convert high-leverage Test Objectives into thorough automated test scripts.
* Worked directly with the Product Owners, Product Managers, and Product Directors to understand their needs, and aided the Engineering, Technical, and Architect leaders in developing the appropriate development approach based on the system's existing restrictions.
* Performed cross-browser testing on multiple browsers such as Internet Explorer, Chrome, and Firefox, and guaranteed browser compatibility using Java.
* Unit testing was carried out using the TestNG Framework. Using the Eclipse IDE, I performed and evaluated numerous functional modules written in Java code.
* Selenium (data-driven, XPath locator) and Web-Driver were extensively utilized to test the web application.
* Developed a test automation framework in Java using Selenium WebDriver and industry-leading harness design concepts and methods.
* Good understanding of DevOps concepts, as well as hands-on experience with Continuous Integration and Continuous Delivery (CI/CD) systems such as Jenkins.
* Using JIRA, Squish Defect tracking tool, and QC/ALM, I executed test scripts, recorded problems, and validated fixes.
* I wrote SQL queries for backend testing.

**Client: Navy Federal, Virginia, USA**

**Role: Test Engineer Sr. Analyst June 2020 - January 2021**

* Executed precisely Using Quality Center version 9, the testing workflow process includes test case development, test case execution, bug detection, bug recording, and bug tracking.
* After analyzing and validating performance requirements, create the performance test plan, test strategy document, and manage performance test scheduling and logistics. Analysis, reporting, and presenting performance test findings to stakeholders are all part of the job.
* Maven was used to create and execute the Selenium automation framework, and once the script was completed, the framework was utilized to deliver automation reports through email.
* Synchronization points were created in the program by introducing explicit and implicit waits to deal with timing issues.
* Participated in Web services testing with the Ready API Tool. Validated XML request and response. Added assertions to validate XML in SOAP and RESTFUL web services.
* Developed and maintained automation framework using Maven and used Hybrid Approach utilizing BDD framework with Cucumber Page Object Model with Page Factory.
* Experienced in writing Python scripts to create automated scripts and frameworks.
* Performed data-driven testing in SOAP UI by utilizing JDBC and Groovy script as data sources and configuring SQL queries to collect data from the Oracle database.
* Used Selenium to test application compatibility in several versions of Google Chrome, Mozilla Firefox, Safari, and Internet Explorer browsers.
* I have used Jira to track, evaluate, analyze, and compare defects.
* Applied the Agile development life cycle paradigm (SCRUM). Selenium was used in conjunction with Java, frameworks, design methods, and different successful implementation strategies.
* I have used GitHub/Bamboo for any code changes and package merging to the test environment.
* By using my deep subject experience, I facilitated user acceptability testing (UAT) with business users.
* Engaged in the initial client KT Sessions, together with the business analysts, to gain knowledge of the application.

**Client: Atos Syntel All State Illinois**

**Role: Test Automation Engineer September 2016-June 2018**

* Using test automation guidelines to design and implement test automation scripts.
* Creating automation test scripts and getting approval from the clients. Knowledge on test automated scripts like Selenium WebDriver, TestNG, Maven repository and more.
* Analyzing software issues via testing and cooperating with QA analysts and software developers to deliver solutions.
* Involved actively in the detection of problems with test cases, design, execution, and planning.
* Experience in testing methodologies using White box, grey box, and black box testing techniques manually and by using Automation.
* In an Agile Scrum environment, I participated in the Daily Scrum, Sprint Planning, and Review meetings.
* Familiarity with UAT for making websites more user-friendly and for web-applications.
* Involved in writing **SQL Queries** for backend testing.
* Keeping track of the defects and, after solved, doing regression testing to check that the prior defect did not have an impact on the current environment.
* Used Appium and Selenium in JAVA to perform functional, smoke, E2E, and regression testing on mobile and web applications.
* Executed and engineered Jenkins for handling weekly Build, Test, and Deploy chain, SVN/GIT with Dev/Test/Prod Branching Model for weekly releases.
* Involved in all aspects of the SDLC (System development life cycle) and played a major role in the QA analysis and UAT (user acceptance testing) phases of the SDLC.
* Participated in Regression Testing with Selenium after each update and enhancement.
* Using Selenium, we used Data Driven Framework to test the behavior of an application with varied inputs as parameters.
* Updated and configured data for numerous apps released weekly.
* Creating thorough bug reports and test execution summary reports.
* Attended weekly/daily customer reports on the progress of execution/defects.
* ALM was used for defect management.
* Applied multiple test tools to automate test scenarios Created test reports and carried out thorough Web Services testing with SOAP UI.
* Estimating release dates, risk estimate, project planning, resource planning, sprint planning within the constraints of their resource bandwidth and skill set.
* Set up the CI/CD tool (Jenkins) for unattended test execution and deliver notifications.

**Client: Accenture/Vodafone**

**Role: Application Development Analyst September 2014 - August 2016**

* Being involved in an agile workplace with constantly changing needs and feature set.
* Test Plans, Test Scripts, and Test Cases were created based on functional specifications and user needs.
* SDET (Software Development Engineer in Test) for automated test cases and frameworks to run and report them.
* Participated in meetings for requirements collecting and design development.
* Used creative ideation and planning to apply unique methods to application design.
* Trained and guided new employees and younger developers, as well as sharing knowledge on meeting tight deadlines and improving overall productivity.
* Automation framework in Selenium WebDriver implemented utilizing Behavior-Driven (BDD) technique in Cucumber framework with Gherkin.
* Using HP ALM / Quality Center, I prepared test cases and built test scripts from multiple test situations across builds.
* Synchronization points were created in the program by introducing explicit and implicit waits to deal with timing issues.
* In Selenium, I used XPath and DOM to interact with dynamic and static objects.
* GitHub, Maven, Cucumber, and Selenium WebDriver were used to maintain an automation framework.
* Performed Black Box Testing, UAT Testing, and extensively used Selenium for Regression, Smoke, Functional, and data-driven testing in Selenium utilizing excel files.
* In charge of recording and monitoring bugs in JIRA as well as giving specific re-producible procedures to the Dev team.
* Was involved in all agile ceremonies and meetings with BA and developers to understand the requirements.
* Knowledge of how to group test suites, test cases, and test methods for regression and functional testing utilizing TestNG annotations such as Groups, Parameter, Data Provider, and Tags.
* Using the Rest API, Cucumber was used to automate services.
* Used Cucumber runner classes to produce step definitions and tags to run various types of test suites such as smoke, health check, and regression.
* Maven profiles were created to run TestNG suites from Jenkins jobs.
* Helped the project manager define the project scope, out of scope, vision, purpose, objectives, and milestones.
* QA UML diagrams, activity diagrams, and sequence diagrams were used to analyze and communicate requirements.

**Education:**

1. Master of Information Science GPA: 3.24

Cleveland State University (Cleveland, Ohio) January2019- May 2020

1. Bachelor’s in Computer Science

Aditya Engineering College May 2014