**Swetha
660-236-1330**

**QA Engineer**

* **Software Test Engineer** with **6+ years** of experience in web, client-server application testing.
* Quality-focused professional with extensive experience in **manual testing** and **automation testing**.
* In-depth knowledge of Software Testing Methodologies such as Functional testing, Black box testing, Integration Testing, Regression testing, Acceptance Testing (UAT), System Testing.
* Strong knowledge of **Software Development Life Cycle (SDLC)** methodologies such as **Agile, SCRUM** and **waterfall** models and **TDD/BDD.**
* Knowledge of automation testing of web applications using **Selenium** Web-driver.
* Experience in applying **Testing Methodologies**, creating **Test Plans**, Executing Test Scripts, **Automation of Test Cases**, **Defect Tracking** and **Report Generation**.
* Experienced in **SQA** (Software Quality Assurance) including **Manual** and **Automated Testing** with tools such as **Selenium WebDriver/IDE, TestNG**, **Cucumber,** Quality Center/ALM, JIRA, and Maven.
* Expert on **Selenium Automation** using **WebDriver**, programming using **Java.**
* Expert in integrating Automation scripts (Selenium WebDriver API) on **Continuous Integration tools Jenkins for** nightly batch run of the Script.
* Extensively worked on **Selenium WebDriver** with the preferred Languages Java, Python.
* Experience programming in **Java**, **JavaScript**, **HTML**, **XML** and **SQL** on Windows, Vista Operating Systems and **UNIX** environments.
* Strong experience and actively involved in building and **testing Restful Web services API** using **SoapUI**, for UI Integration.
* Expertise in test automation and continuous delivery of web applications, client server applications, **web services/APIs** Testing.
* Extensive experience in designing **Test Cases, Test Scenarios, Test Scripts** and **Test reports** of manual and automated tests.
* Experience with web service testing using **SOAP UI** and **Postman** Tools.
* **Expert level knowledge in all modules of Quality Center** (Requirements, Test Plan, Test Lab, Dashboard and Defects).
* Expert in performing different tests types, QA Methodologies: **White Box, Black Box**, Front-End and Back-End, Stress & Load, Regression, Configuration, Functional, Installation & Integration, Smoke, and User Acceptance Testing
* Expertise in implementing **Maven** as a build management tool to manage the required **dependencies, plug-ins** and for uniform build system.
* Experience working with **logging frameworks** such as **Log4j** and **Extent loggers** to capture the flow details of the test cases.
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**
* Knowledge of defect tracking using **Jira, Quality Center/ALM.**
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* Good work ethics, detail oriented, fast learner, team oriented, flexible and adaptable to all kind of environments.

**TECHNICAL SKILLS:**

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| **SDLC Methodologies** | Agile/ Scrum, Waterfall |
| **Build Tools** | Maven |
| **Version Control Tools** | SVN, Git, GitHub |
| **Programming Languages** | Java, Python |
| **Integration Tools** | Jenkins |
| **Automation Tools** | Selenium IDE, Selenium WebDriver, Cucumber, TestNG, Soap UI, POSTMAN |
| **Framework** | Keyword Driven, Data Driven, Hybrid, Page Object Model |
| **Bug Tracking** | Jira, Quality Center/ALM |
| **Programming Languages** | Java, Java Script, HTML |
| **Database/Database tools** | MS SQL Server, MySQL |
| **Operating Systems** | Windows, Linux, UNIX |

**Professional Experience:**

**Client: Equitrust Life Insurance, West Des Moines, IA Dec 2019 – Till Date**

**Role: QA Automation Engineer**

**Responsibilities:**

* Active participant of QA reviews and inspections to find potential defects and recommend corrective action.
* Performed UI testing on various builds.
* Performed Cross- Browser and Cross –Platform testing to verify the application consistency on various builds in different web browsers and in different operating systems.
* Performed **Selenium Synchronization** using Explicit & Implicit waits.
* Dealt with Accessing Links & Tables using **Selenium WebDriver** and **Java** collections framework.
* Created test reports generated out of **TestNG** and captured the error screenshots.
* Worked on Capturing Screenshots on Failure or Pass to analyze the test failure reason. Coordinated with application team to ensure resolution of all issues and completion of work on time.
* Schedule and prioritize work and plan a sequence of testing activities that accomplish the planned targets. Set priorities and provide reports to the management.
* Performed regression testing on various builds for UI and Functional Validations.
* Extensively worked on **REST** and **API Testing** for the various XML attributes for different kinds of report generation.
* Developed modular & robust automation framework using **Selenium WebDriver, Cucumber, TestNG and Java.**
* Implement **BDD** (Behavior Driven Development) Testing with **Cucumber** and **Selenium WebDriver** to ensure the code reusability and code maintainability and cut down the script development time in half.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Implemented Automated execution of tests (nightly and need based) using **Maven and Jenkins.**
* Developed manual and automated test cases to validate **RESTful API** web service.
* Involved in API and Web Services Testing using Rest API.
* Developed re-usable function using **TestNG** for the Test Automation.
* Created automation test scripts using **Selenium WebDriver** and **Java** and involved in resolving existing test script issues in Selenium WebDriver.
* Developed manual and automated test cases to validate REST API web service. Validation was performed using Postman and custom-written python scripts. Participated in internal and cross functional code and design reviews.
* Development of Python scripts on daily basis and communicating with offshore team.
* Used **Postman which is lightweight API testing tool** which is used manually to test Webservice testing, looking for quick answers during the testing phase.
* Executed tests and participated actively in system testing and regression testing.
* Worked with the **SQL** statements to extract data from SQL tables and verify the output data of the reports on the browser page.
* Used **CSS Selector** to identify objects.
* Contributed to components of the test automation framework; including the design, development, delivery and maintenance.
* Performed manual testing using different black box testing methods like ad-hoc, functional, UI, system, and regression testing.
* Used **Jira** daily tasks and test maintenance respectively.
* Developed generic method to make the method reusable for multiple purposes.

**Environment**: Java,Selenium WebDriver, TestNG, REST, Cucumber, Maven, XPATH, Postman, Eclipse, Jenkins, HTML, XML, Git Hub, agile (Scrum), JIRA, SQL, Oracle and Windows.

**Client: Legence Bank, Eldorado, IL Feb 2018 – Nov 2019**

**Role: QA Automation Engineer**

**Responsibilities:**

* Developed test strategy for the minimal required tests that provides value in determining the quality state of the application.
* Developed/Updated System **Test Plan, Test scenarios** and **Test Scripts** as per the requirements and **Change Request** Document.
* Developed Selenium Automation framework – Created a hybrid framework (Keyword and Data driven) on Selenium using **TestNG.**
* Involved in running Selenium automation scripts and updating the scripts according to enhanced requirements using selenium **WebDriver.**
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the **WebDriver project**.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver and Java (Eclipse IDE).**
* Create scripts using Python for new functionalities and update the existing scripts for upgraded functionalities.
* Developed and executed manual and automated tests in different platforms using Java and Selenium library.
* Used Java as client library for **Selenium and WebDriver** to design and developed Automation test Framework using **TestNG.**
* Involved in acceptance testing using **Cucumber** and **Selenium WebDriver**.
* Automated Smoke & Functional test cases **using Selenium WebDriver, TestNG & Java (Eclipse IDE).**
* Used **Maven** to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.
* Created the tests that have no user interaction as a set and executed them as Batch tests using **Maven**.
* Involved in pushing the automated test code into CI (Continuous Integration) and monitored the test execution in **Jenkins** once the code pushed into CI.
* Extensively used Selenium (data-driven, XPath locator) and **WebDriver** to test the web application.
* Involved in **SOAP & REST** based web servicestesting using **SOAP UI PRO** web services testing tool.
* Involved in automation of regression test cases and executing scripts using Test Harness & **SOAP UI.**
* Enabled Transaction demarcation in Data Access Objects.
* Uploaded test cases executed test cases and logged defects in **Quality Center/ALM.**
* Worked on Web services using **POSTMAN** exclusively on obtaining the needed information using the **URL** approach.
* Performed Back end testing using SQL queries to make sure that data entered has been uploaded correctly into the database tables.
* Verified SQL queries against backend database to ensure test codes retrieve the right data on testing.
* Preparing status reports and End of Sprint demos to show case the work done in that sprint to the Stake holders (Product management, Customers, Clients).

**Environment:** Java, Selenium WebDriver, TestNG, Jenkins, Maven, Python, Postman, Cucumber, SOAP UI, XPath, Eclipse IDE, Firebug, TDD, SQL, PL/SQL, Oracle, Quality Center/ALM,Windows.

**Client: Cardinal Health, Dublin, OH Sep 2016 – Jan 2018**

**Role: QA Engineer**

**Responsibilities:**

* Introduced automation test scripts utilizing Selenium and Java Script, and executed critical testing processes.
* Analyzed test results, and prepared summary reports and related documentation for teams and management.
* Created a test case based on specifications and design documentation, and examined the results.
* Performed functional, regression, and acceptance testing, black box testing, and white box code testing and bug reports, recording results and bug/error detection through Bug Scrub.
* Involved in test cases review by development team, product management and modified the test cases based on their feedback.
* Drafted **Test Plan** which included **testing objectives, testing phases**, scenarios and test environment after a thorough analysis of the business rules.
* Developed Automation framework using **Selenium Web Driver.**
* Performed functional testing to identify various critical points in the application and automated it by using **Selenium Web-Driver with TestNG.**
* Perform **SOAP Web Service** and REST API Testing using **SOAP-UI** and **Postman.**
* 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.**
* Developed automation framework for **Selenium WebDriver** in Modular Framework model.
* Performed **API** Level testing for **web services**, enhanced the Test harness and developed many Test suites using XML and Python.
* Created **Selenium web-driver** automation scripts using **Python** to validate functionality on various browsers.
* Used **Selenium WebDriver for** writing test scripts for **regression test coverage.**
* Used **Maven** to build and run the **Selenium automation framework**. Once the script got over, framework used to send the automation reports over email.
* Performed functional testing of **SOAP and RESTFUL Web Services using SOAP UI Tool.**
* Involved in testing Web services and XML with tool called **SOAP UI** and using this tool to locate WSDL file on internet, create Test cases and run them
* Validated SOAP responses by using assertions like **XPath** match, schema compliance, contains, SOAP fault etc.
* Designed data-driven testing framework in **Selenium** and captured data dynamically from web controls.
* Created **manual test cases**, reviewed with different stakeholders to validate the functionality.
* Attend the BRI (Business Requirement Identification) meeting to understand the business Requirements.
* Edit and debug tests using Selenium Participated in meeting, teleconferences walk through with the development team, QA manager and Project manager (PM).

**Environment:** Java, Selenium WebDriver, Jenkins, Maven, Cucumber, Python, Postman, SOAP UI, XPath, Eclipse, HTML, CSS, JavaScript, XML, Quality Center, SQL, agile, Oracle and Windows.

**Company: Colruyt Group, Hyderabad, India Jun 2012 – Mar 2014**

**Role: Test Engineer**

**Responsibilities:**

* Planned and managed the appropriate testing effort for any given module.
* Composed accurate and detailed Test Approach, scenarios and test cases (functional, usability and regression).
* Conducted end to end test executions on the entire application.
* Monitor the Test Execution Progress and Manage the Issues during Test Execution.
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using the QC.
* Share status reports (Daily/Weekly/Monthly) to all the stakeholders and management.
* Performed Integration testing, Regression testing and System Testing.
* Work with the development / support teams to fix the environmental issues encountered during test executions.
* Communicate defects using Quality Center (QC) with proper Severity and Priority.
* Execution of System Integration Testing, User Acceptance Testing.
* Created Test matrix, Test Summary Report, UAT summary Report and UAT Sign off Report.

**Environment:** Java, Quality Center, UNIX and Windows.