**Sivangi Sharma**

***Professional Expertise***

* Over 7+ years of extensive experience in **Analyzing** and **Implementation** of **QA Testing** strategy for **Web based** and **Client/Server** applications using **Automation testing** on **Windows, UNIX** platforms.
* Proficient in using test automation tools such as **Selenium WebDriver, HttpClient** and **Appium** to develop automation testing scripts for **web, mobile** and **client server** applications.
* Excellent understanding of **Agile** methodology – **Scrum**.
* Extensive knowledge of using **Maven** for build and **Jenkins** for continuous integration and also knowledge working with continuous deployment.
* Extensive experience on **Hybrid, Data Driven** Automation Framework development using **Webdriver** and Javaas primary language. Other libraries used are **TestNG, ApachePOI, log4j, HttpClient, org.json.**
* Familiarity working with cloud based web and mobile automation using **SauceLabs** platform.
* Worked on performance and load testing using Apache **JMeter.**
* Proficient experience in manual and **automated testing** of **GUI** and functional aspects of the Client-Server and web based applications on multiple levels of **Software Testing Life Cycle(STLC)**
* Familiarity working with **Angular.JS** apps automation using **Protractor.**
* **Worked in automating REST API’s using HttpClient and JSON libraries.**
* Experience in mobile automation testing using **Appium** for both **IOS** and **android**.
* Worked with locating elements using **UIAutomatorViewer** and **AppiumInspector**. Worked with debugging tools like logcat, DDMS and used ADB commands.
* Extensive experience testing in web services both **REST** and **SOAP based** using tools like SOAPUI and browser plugins like postman.
* Proficient in **Functional**, **Regression**, **System Integration (SIT)**, **Acceptance (UAT)**, **Browser compatibility** and **Performance Testing.**
* Experience in **Unit Testing** using **JUnit4, JUnit3** and **TestNG.**
* Proficient in **Selenium test scripts** using **data driven, keyword driven, PageObject** and **hybrid framework.**
* Experience in **Unix Shell Scripting**.
* Experience in web technologies like **JavaScript, XML, XPATH, XSLT, AJAX, HTML, CSS and SOAP.**
* Knowledge of NoSQL **database** - MongoDB.
* Developed/maintained **Test Plans, Test Cases, Test Scripts, Black Box/White Box Testing, Defect Tracking** and **Metrics** for both **Manual** and **Automated Test** environments.
* Extensive experience in **black box testing, integration testing, regression testing, GUI testing, smoke testing, browser compatibility testing, system testing, build verification testing and user acceptance testing**.
* Experienced in working with **HP Quality Center**, **ALM**, **Rally, Jira** for Project Management and defect tracking.

**Technical Skills**

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| Automation Testing Tools | Selenium Web Driver, SOAPUI Quick Test Pro, Protractor, HttpClientAppium. |
| Performance Testing Tools | JMeter, LoadRunner |
| Operating Systems | Windows, Ubuntu, UNIX , Linux, Android |
| Programming Languages | Java, Shell Scripts, SQL, PL/SQL, JavaScript |
| Web Technologies | HTML, CSS, XML, XPATH, AJAX, SOAP, AngularJS, NodeJS |
| RDBMS | Oracle, MongoDB and MySQL. |
| Java Packages | Apache HttpClient, Appium, Apache POI. |
| Defect/Bug Tracking Tools | Rally, JIRA, QC, BugZilla |

**Experience**

**Ellie Mae - Pleasanton, CA Mar 16 to Present**

**Selenium Automation QA Engineer**

**Description:** Ellie Mae is a leading provider of innovative on-demand loan origination software solutions and services. Testing involvement focused on automating the Mortgage process, a feature introduced on Ellie Mae's web app and desktop application. I worked for Develop and maintain test cases, test data and execution trackers. And I run sanity tests on each Mobile Web environment.

**Responsibilities:**

* Analysis of functional specifications and designing test plans test cases for functional testing. Developed test plan, test scenarios, manual as well as automated test cases.
* Functional and object driven approach for designing selenium scripts using **Selenium WebDriver** , **Eclipse** Platform using Java Language.
* Worked on **Hybrid** automation framework, using **Apache POI** for data driven and Java Page Object pattern along with Keyword Driven approach.
* Worked in **continuous integration** environment with **Jenkins, Maven** for build **and GitHub** as source code**.**
* Used **Java** to develop the automation scripts and **TestNG** as testing framework.
* Worked with Selenium Grid and TestNG to execute parallel testing scripts.
* Performed Restful Web Services automation testing using **HTTPClient** along with **TestNG,** also used **Jackson** library to parse json response**.**
* Well versed in manually testing Rest API’s using browser plugins like **Postman**.
* Have done a POC to automate angular applications using **Protractor** and web automation using **NodeJS** –**NightWatch.js**
* Created performance test scripts using **JMeter** to monitor response time and performance of the **RESTful APIs**.
* Developed test scripts in **Appium (Java + Selenium**) to test mobile application functionality for **ios and android devices.**
* Experience working with **Android SDK** to automate mobile testing.
* Created data validation in **white box /Block box testing** environment.
* Worked through all cycle of **test** specification to test deployment for pre and post release usage like monitoring and functional tests.
* Used **SQL** for data integrity testing, captured the **SQL** statements from the application execution and manually checked the results.
* Testing the product, creating any defect and track any issues in **JIRA**.
* Worked in **Agile** environment, task planning, scrums and status reporting. Release on every sprint.
* Worked with **UNIX** commands when required.

**Environment:** Selenium WebDriver / Grid, TestNG, JMeter, Java, Jenkins, JIRA, Maven, Appium, HTTPClient, Protractor, UNIX, SQL, Agile and Oracle.

**Verizon - Santa Clara, CA May 14 To Dec 15** **QA Test Analyst**.

**Description:** Verizon is a global leader delivering innovative communication and technology solutions that improves the way of customers live, work and play. The responsibilities of the project are to provide support for the free flow of data across Verizon systems through various applications. The Scope of this project is to test the functionalities of different applications to determine any potential defect in the application.

**Responsibilities:**

* Testing AJAX web site application, Implementing Selenium testing platform using test scripts with **Eclipse IDE**, writing Selenium RC scripts using JUnit and Selenium for automated testing, writing test scripts **(SOAP UI)** to test web services Using **JMeter** for load testing.
* Perform **REST** and **SOAP Web** **Services** testing using SOAPUI for Service Gateway.
* Hands on experience in Automation testing using **Selenium Grid**, **Maven, Jenkins** and **Quick Test Professional**.
* Worked on creating test cases for Object driven framework using **Selenium WebDriver**.
* Wrote **Maven** Scripts to automate the build process.
* Automation project setup and deployment in **Jenkins** for continuous Integration.
* Developed test automation projects in **Selenium RC, WebDriver** and **Java**.
* Developed, implemented and performed the Unit testing using **JUnit**.
* Built up a Selenium test support framework against an **AJAX, JavaScript** heavy web application utilizing a page object pattern.
* Assisted in unit testing of the application on **TestNG** framework.
* Created automation scripts in **SOAPUI** using **Groovy Script** for **web services testing**.
* Expertise in developing test script for **Mobile** Devices using **APPIUM.**
* Developed and executed **SQL** statements for the database testing.
* Developed, maintained and executed load and stress test with **JMeter**.
* Responsible for defect tracking in **Rally, ALM.**
* Investigated bug reports by black box testing and examining code to track down the source of issues for documenting in our bug tracker to help developers.
* Verifying the client server Communication protocol using the **HttpClient** Tool.
* Responsible for deploy latest build and services on different stages for testing and developer purpose.

**Environment**: JAVA, SOAP UI, HTTPClient, TestNG, Jenkins, JUnit, Rally, JMeter, Selenium WebDriver, SQL, Appium.

**Beachbody** **-** **Santa Monica, CA** **Jul 12 to Jan 14**

**QA Analyst**

**Description:** Beachbody is into health and fitness with sales over 2Billion USD. They sell major health products like creatine, protein and they do have subscribed fitness trainers/coaches and various different health programs. My involvement in the project was to test various applications using automation tools, track and report the defects.  
   
**Responsibilities:**

* Analyzed user business requirements, function specification documents and use case documents.
* Interacted in **Manual** and **Automation** testing using **Selenium RC, TestNG, Quality Center**.
* Experienced in all phases of the **Software Testing Life Cycle (STLC)** and good exposure to **Software Development Life Cycle (SDLC)**.
* Experience in analyzing the Business Requirements Document/Use Cases.
* Experience with **JMeter** for performance, load and endurance testing Web based applications and Web services.
* Used automated scripts and performed functionality testing during the various phases of the application development using **TestNG** framework.
* Created automated tests with **JUnit** Java API.
* Developed and participated in building automated tests in **Java** using **Selenium RC** and executed testcases and implemented test suites.
* Experience in implementing **QA** methodologies, test plans, test cases, test scenarios and deliverables.
* Involved in **SOAP** & **REST** based web services testing using **SOAP UI** **PRO web services** testing tool.
* Worked as **manual tester** to create test scenarios, **test plan**, **test cases** of system design documents.
* Experience in all levels of testing such as Positive testing, Negative testing, Integration testing, Functional testing, Regression testing, UAT testing and Black box testing.
* Conducted Regression Testing on various builds of the application and reported the defects to the developer using **JIRA**.
* Added Property Transfer in **SOAPUI** tool to transfer the values from one response **XML** to another request **XML**.
* Tested several **UNIX** shell scripting for File validation and also **PL/SQL** programming.
* Followed **Agile** methodology and attended **Scrum** meetings.
* Worked in data driven framework using **JUnit** in the **Eclipse Web Driver**.
* Performed End-to-End System testing and Regression testing for various workflow.

**Environment**: Selenium RC, SOAP UI, Web application, Agile, Eclipse, XML, JUnit, Java, JMeter, PL/SQL, JIRA, UNIX.

**Bank of America** **-** **Los Angeles, CA sep 09 To apr 11**

**QA Tester**

**Description:** Bank of America is for Auto Finance services, including business and personal banking, wealth management estate planning and investments through its affiliated companies. The projects I worked with involved testing online banking and client management applications that provide client account Information. The modules under test were Wealth Management and Transaction management.    
   
**Responsibilities**:

* Worked with test Management using **Quality Center**.
* Created and executed test scripts for **functional, integration and regression testing**.
* Created **test plan, test cases** and **test scripts** and followed **Agile** development process.
* Conducted functional, integration and regression testing of **Web Services** using **Soap UI**.
* Used Firebug tool to debug the issues with **HTML, CSS** and **JavaScript**.
* Creating testcases and stored them in the Test-Plan module of **QC/ALM**.
* Performed Automation testing of modules using **HP QTP**.
* Developed performance test scripts using HP **LoadRunner.**
* Coordinated testing activities with testing team members.
* Identified all major Defects prior to End-to-End Testing.
* Involved in defect management and defect reporting.
* Created and executed **SQL** queries in **ORACLE** and **MS SQL server**.
* Work on data preparation for different test scenarios including negative testing to provide accurate delivery of overall functionality of the product.

**Environment**: SOAP UI, QTP, Quality Center, LoadRunner, JavaScript, MS SQL Server, Windows, MS Excel

**Bayer HealthCare - Whippany, NJ** **Aug 07 To Jun 09**

**Quality Analyst**

**Description:** BayHealth Direct is a portal that has information about specific healthcare products. This information can include product id, product names, product description, Quantity, Unit of Measure, Manufacturing date, Expiry date, Manufacture. The entire process between the acquisitions of documents to their ending database can be monitored on the Product Builder UI.   
   
**Responsibilities:**

* Analyzed business requirements and module-specific functionalities to identify test requirement.
* Conducted **Manual Testing** for checking the flow of the application functionality.
* Analyzed user requirements and prepared **test** approach document.
* Checked the data flow through the front-end to back-end and used **SQL** queries to extract the data from the database.
* Performed **Web Services** testing and Validated **XML** request/response data using **SOAPUI**.
* Defect tracking & logging of defects in **Quality Center** and verifying the fixes.
* Conducted Back-End Testing for **Oracle** databases using complex **SQL** queries.
* Performed functional testing, navigation testing.
* Performed Database Integrity Testing by executing **SQL** statements.
* Performed comparison of actual report with the expected values by querying the database.
* Experience in creating **UNIX** scripts for file transfer and file manipulation.
* Created and tested scenarios using positive and negative test data.
* Used Test Director for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.

**Environment**: Windows, SQL, Quality Center, UNIX, SOAP UI, Web Services, Etc.