**Senjalia H**

**Email :** **hsenjalia9@gmail.com**

**Phn # : 707-297-3909**

**PROFESSIONAL SUMMARY:**

* 8+years of experience in Software Quality Assurance and Test Automation Process in IT industry and that include Insurance applications which are **Client/Server, web-based** Applications with proficiency in both **manual and automation testing**.
* Experience in all phases of **Software Development Life Cycle (SDLC)** with a strong understanding of analysis, development and testing of applications in the project.
* Experience in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as **Selenium RC/WebDriver/IDE/Grid, HP Quick Test Professional** and **JUnit/TestNG**, **ANT**, **Maven,** **Jenkins**, **Hudson**, **JBehave**, **Cucumber**, **Quality Center**, **JMeter, JIRA** and **SOAPUI**.
* Key expertise includes testing and debugging GUI and Multi-Applications environment and automated testing using **Selenium WebDriver** and **Selenium RC/IDE.**
* Sound knowledge on **JUnit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Experience in Integrated Automation scripts (Selenium WebDriver API) on **Continuous Integration tools Jenkins for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* Performed **API Testing using Test NG, Java, XML and JSON Parsers, Spring Rest Template**
* Experience in GUI and **Functionality Testing**, **White Box testing**, **Black box Testing,** **System testing**, including **Integration**, **Performance**, **Stress**, **Load** and **Regression Testing** of Web and Client/Server based applications.
* Performed mobile apps testing on Andoroid and ios Iphone Devices.
* Extensive experience in preparing **Test Strategy**, **Test plan**, **Test scenarios**, **Test cases**, and **Test Scripts** based on User requirements and System Requirements Documents for Functional, Security, Performance, Configuration, Regression, Integration and Usability Testing.
* Experience on **Data Driven, Keyword Driven Frameworks in Selenium WebDriver** and **Junit**.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path to** identify web elements.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA, IBM Clear Quest, Bugzilla.**
* Extensive use of bug reporting and defect tracking tools like **Quality Center.**
* Experience with data analysis, analyzing, documenting business requirements and data specifications.
* A good team player, detail oriented, self-motivated individual with strong analytical and leadership skills.
* Excellent interpersonal and communication skill. Good documentation and process management skills with ability to effectively understand the business requirement to develop a quality product.

# TECHNICAL SKILLS:

|  |  |
| --- | --- |
| **Testing Tools** | Selenium WebDriver/RC/IDE/Grid, Quick Test Pro (QTP), JUnit, TestNG, SoapUI, JBehave, Cucumber, Gson, JAXP, Apache HTTP Client, iOS, Android, iPad. |
| **Languages** | HTML, XML, CSS, JAVA, Java Script, SQL |
| **Build Tools** | Ant, Maven |
| **CI Tools** | Jenkins, Maven |
| **Bug Tracking Tools** | JIRA, Quality Center (QC), Bugzilla |
| **Processes** | Agile-Scrum, Waterfall, TDD, BDD |
| **Browsers** | Mozilla Firefox, Internet Explorer, Safari, Google Chrome |
| **Database** | Oracle, MS-Access, SQL Server, MongoDB |
| **Operating Systems** | Windows, Linux, Mac |

**PROFESSIONAL EXPERIENCE:**

**Client: eBay Advertising, Brisbane, CA June 16- Till Date**

**Role: QA Engineer**

**Project Description:**

EBay Advertising is one of the largest e-commerce Shopping Portal in the United States. The Products can Buy and Sell to Customers on the Merchant Site. The customer can see deals on publisher’s Sites and Buy products from merchant Site. The Project is based on customers prospective which involved starting with testing the compatibility of eBay web services with Restful Web Services

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, **Test Driven Development methodologies,** Software Development Life cycle (SDLC) using Waterfall, Agile methodologies.
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Configured **Selenium Web Driver, TestNG, Maven tool** and created **selenium automation scripts** in java using **TestNG** prior to agile release.
* Extensively used Page Objects design and page navigation framework for readable test script and easy maintenance from developer perspectives.
* Involved in Designing & developing data driven framework using **Selenium Web Driver, TestNG** and implemented Java Mail to send the regression result automatically.
* Used **TestNG** Annotations in Selenium Web Driver and executed a batch of tests as testing suite.
* Tested Rest API using **Apache HTTP Client, Test NG, JXL, JAXB, Jackson and Log4j** Framework
* Involved in validating functional, Integration and Regression test suites using **Selenium** and the request and response of the Web Services (SOA) through **SOAPUI**.
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services**
* Involved in Web Services Testing using **SOAPUI** to create and execute automated functional, regression, compliance, and load tests.
* Involved in executing **SQL queries** for backend testing.
* Used **SQL** Queries to verify the data from the **Oracle** database
* Co-originated with various team for managements defects calls and resolve the testing issues

**Environment: Java, Selenium WebDriver, TestNG, Maven, Jenkins,** Apache HTTP Client, JXL, Log4j, JAXB, Jackson, SOAPUI, TDD, **Agile, HTML, XML, xPath, Rally, Web Services (SOAP & RESTFUL), HTML**, JavaScript, **Quality Center, HP ALM, Firebug, SQL, Putty, Win SCP, SQL Navigator**, Oracle, UNIX, Windows

**Client: Kaiser Permanente, Pleasanton, CA Aug 15 – May 16**

**Role: Sr.QA Engineer**

**Project Description:**

Kaiser Permanente is one of the largest managed health care organizations in the United States. The information is accessed to members on the kp.org. The member can have access to medical record, scheduling or cancelling appointments, lab results, assigned practitioner and health manager of the dependent. DMC is tightly coupled with other modules like LRD (Laboratory & Radiology Diagnosis), ARM (Accounting & Records Management), ASC (Appointment Scheduling). DMC comprises of 2 REST services with synchronous, asynchronous GET and POST calls with LRD, ARMR, ASC. The information is accessed through Web, Mobile Web and Mobile Apps (Android, iPhone and iPhone devices)

**Responsibilities:**

* Analyzed business requirements and developed Test cases based on Use cases to evaluate the functionalities.
* Involved in **Agile (Scrum Process)** methodology based Project Planning, Test planning and Coordinating on all SDLC phases.
* Developed new and updated existing **Automation** test cases using **Selenium WebDriver** and **TestNG,** using **SVN** for a **Java** based **Web** application, using **Maven** as build tool and **Jenkins** to create and run deployment jobs.
* Involved in developing selenium automation framework using **TestNG**. Developed **Maven** targets to execute automation suites from command line.
* Utilized testing tool **TestNG** extensively for the integration testing and unit testing.
* Involved in using **Maven** build tools to manage framework dependency jar files**.**
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Maintained **Jenkins** Continuous Integration server for scheduling auto run of smoke and regression test for builds in different environments.
* Involved in preparing Test Strategy, Test Plan, Test Scenarios, Test Evaluation Summary Reports, Test Cases and Test Scripts for automated and manual System Requirement documents for the Functional, System, Performance, Integration, Regression, UAT, Security, Smoke/Sanity and Usability testing.
* Performed functional tests using **Selenium WebDriver** with data driven framework and documented final results in a database.
* Performed Mobile Testing in **iOS devices and android devices.**
* Performed Web Services testing using **SOAP UI** (SOAP XML/Rest XML/REST JSON)
* Validated **XML** responses generated for different **Web Services** using **SOAP UI**
* Conducted Regression testing of the web-based application using **SOAP UI**
* Performed API Testing using TestNG, Java, JAXP and Gson Parser
* Customized the Test Case and Test Plans in **Quality Center** according to the requirements of the project
* Performed ad hoc testing on IE, Mozilla Firefox and Safari browsers.
* Developed and executed SQL queries for testing the application backend.
* Executed SQL queries to validate the Data in tables using **TOAD** Tool.
* Automated the test scripts for the GUI, Functional and Regression testing using.
* Planned and Executed Test Cases, Automated test scripts, Test Metrics and reporting bugs.

**Environment: Selenium WebDriver**, Java, Fire Bug, POI, Log4j, MAVEN, Eclipse, TestNG, Jenkins, HTML, Java Script, CSS, XML, XPATH, Firebug, **Web Services, SOAP UI, SOAP and Restful**, JAXB, JAXP, SQL, Oracle, TOAD, Quality Center, Linux, WebSphere Application Server

**Client: GAP Inc, San Francisco, CA Sep 14 – July 15**

**Role: QA Engineer**

**Project Description:**

GAP Inc is an American multinational Clothing and accessories retailer. It is a leading global specialty retailer offering clothing, accessories and personal care for men, women, children and babies. The Project is based on customers prospective which involved starting with testing the compatibility of GAP web application with all the browsers to secure payment of customers selected items.

**Responsibilities:**

* Performed **Functional, Negative, Positive, Integration, Regression, End-to End, smoke testing** and **User Acceptance Testing**.
* Performed Mobile Testing in **iOS devices and android devices.**
* Extensively involved in writing and designing templates for the Test Plans and Test cases
* Identified the Test Cases and documented them in **Rally**.
* Created build and Responsible for smoke test after every build
* Worked with the Developers and the Test Lead to verify the Test Cases.
* Responsible for regression cycles performed on Android and iOS devices
* Designed and Analyzed Test case design document basing on the Functional Requirement Specifications to implement through testing process.
* Analyzed and Developed Test Plan, Test Cases, Test Scripts, Expected Test Results and Test Procedure from functional requirement for different modules
* Involved in creating the Traceability matrix based on Functional requirement in each module.
* Base-line and Regression tests were scheduled and performed on every Release and build.
* Supported End-to-end testing for iOS and Android.
* Created of Test Data for Member data's according to the scenarios.
* Created manual Test Cases in Rally.
* Involved in Task Creation, Task Estimation, Task Distribution, Task Prioritization and Communication among Onsite and Offshore Team Members.
* Regularly followed up with the development team to discuss the defects identified during Testing.
* Involved with Test Coverage Metrics and Defect metrics such as Defect Density, Delivered Defect Density, Defects by Severity, Number of Defects, and Defects per build, Defect Fix Rate, Test Case Utility, Test Effort and various other measurements.
* Interact with end users and investigate issues related to the QA.
* Coordinated user acceptance testing with final users. Prepared end user documentation for new system
* Used Rally to store all testing results, metrics, implemented Test Plan Document, created Test Cases, Defect Tracking & Reporting.
* Participated in status meetings to report issues. Communicated with developers through all phases of testing to prioritize bug resolution using Rally
* Prepared and Presented weekly and monthly QA Defect and Status Reports to the different Stake holders of the project using Rally
* Expertise in generating the daily defect detailed report using Rally for the other project stake holders and the project Management
* Maintained bug lists for critical issues using Rally.

**Environment:** Rally, Agile**, TestNG, Selenium Web Driver, Java, SOAP UI, Restful Web Services**, HTML, Java Script, CSS, Oracle, SQL Developer, Eclipse, JAVA, Jenkins, Maven

**Client: Netapp Inc. Sunnyvale, CA**   **Jan 13 – Aug 14**

**Role: QA Engineer**

**Project Description:**

Everest AR is an application and integration product testing on NetApp’s Oracle eBusiness web portal. Integrated the system for processing End-to-end order status visibility Quote to order integration, Order management console (order review, fallout fix, order booking, order changes, CMAT resolution process), PO validation (B2B & non B2B), Order change process, Order queue prioritization, routing & assignment. Everest is an initiative that will transform the end-to-end Quote to Invoice process, with the goal to make NetApp the easiest company to do business

**Responsibilities:**

* Review product **requirement documents, functional specifications**, and involved in developing **test strategy, test plan** and **test** **case** documents.
* Performed Automation Testing of each Build and then Regression testing on each builds using **Selenium WebDriver.**
* Identified test cases to automate. Automate those test cases using **Selenium Web Driver**, **Junit** and **Java (Eclipse IDE)**. Contributed in framework creation.
* Used **Junit** Test to automate functional and regression testing across integrated environments
* Involved in implementation of Test Automation Framework build using **Selenium WebDriver**, **JUnit** and **ANT** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Involved in developing selenium automation framework using **Junit**. Developed **ANT** targets to execute automation suites from command line.
* Used **ANT** to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.
* Prepared a report of all automation difficulties and test results for further application using **ANT**.
* Reviewed the automation scripts and created Continuous Integration Jobs in **Jenkins.**
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium WebDriver** and **Jenkins**.
* Integrated Automation scripts (Selenium WebDriver API) in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* Validated Sanity, functional, Integration and Regression test suites using Selenium and the request and response of the Web Services (SOA) through **SOAPUI**.
* Created automation framework which uses **SOAPUI** to test APIs.
* Responsible for updating and maintaining the **Quality Center** for reporting and logging the defects found during functional and regression testing and follow up the **bug life cycle**.
* Developed and executed **SQL** queries for the database testing to validate specific Business Process for UI testing, functional, Integration testing.
* Followed **Agile Methodologies** during the testing phase of the project.
* Involved and responsible for creating Daily and weekly status reports regarding the progress of testing process.

**Environment:** Selenium Web Driver, TESTNG, Eclipse, JAVA, JUnit, Oracle 10g, SOAP UI, JIRA, ANT, xPath, CSS, HTML, XML, UNIX, JavaScript, Web Services, SOAP, Restful, SQL, TOAD, Linux, Web Sphere

**Client: Frontier Communications, Addison, TX. Oct 11 – Dec 12**

**Role: QAEngineer**

**Project Description:**

Frontier one of the major telecommunication corporation. The project which I have worked on provisions a telephone number to a new customer and also checks if the same telephone Number can be moved from one residential address to another.

**Responsibilities:**

* Worked closely with development team in creating automated scripts for the application using **Selenium.**
* Effectively implemented different QA Methodologies/ Policies, Strategies and plans in all stages of SDLC.
* Prepared Test strategy and Test Plan for each Release cycle.
* Involved in setting up configuring the testing environment with **Eclipse, JUNIT, Selenium RC and Selenium Java client driver**.
* Developed and implemented robust Keyword driven framework with **Selenium RC** which cut down the script development time in half.
* Developed and executed the test scripts with **Selenium** and **Java**.
* Developed test code in Java language using **Eclipse, IDE** and **Junit** framework.
* Wrote automation scripts in **Quality Center** for System, Functional and Integration Testing.
* Developed Test Frameworks in **Selenium** for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /Junit).
* Used **Selenium RC** for testing different browser, **Selenium Grid** for checking instance of sever and Selenium **IDE** for record and play back.
* Converted all record and play back test cases into **Selenium** automated scripts.
* Developed **Requirement Traceability Matrix** (RTM) to ensure appropriate level of test coverage.
* Enter and maintain defect information in Defect Tracking System, **JIRA**.
* Created and executed database queries (SQL) to validate database data integrity.
* Worked with appropriate development and technical support teams to triage, assess and solution.
* Worked closely with different functional team including Development, QA, Sales and Business.

**Environment:** Selenium Web Driver, Eclipse, JAVA, TESTNG, Oracle 10g, SOAP UI, JIRA, ANT, XPath, CSS, HTML, XML, UNIX, JavaScript, Web Services, Web Sphere, SQL

**Client: Comerica Bank, Florida, MI Apr 09 – Aug 11**

**Role: QA Tester**

**Project Description:**

This was an enhancement project that would allow customers to deposit directly through mobile devices through small business banking, commercial and residential mortgage origination and retail banking focused on personal services, technological support and innovative customer centered products. Each module has different functionality like Balances, Performance reports, and consists of Account detail, Transfer funds, Credit card processing reports etc.

**Responsibilities:**

* Derived Test Scenarios from Business Scenarios and mapped requirements.
* Prepared Regression Test Suite from Functional Test cases based on Business Criticality.
* Executed Regression test suite against each QA build.
* Involved in Database testing, Functional Integration, Regression and Compatibility testing of the application.
* Checked the Data flow through the front and backend and used SQL queries to extract the data from the database
* Used SQL and PL/SQL for Data retrieval in Back End Testing.
* Performed Data Validation of the data flow from the front-end to the back-end.
* Ran PL/SQL blocks in order to rectify data corruption in the database.
* Responsible for Front End testing, Integration testing and System testing on the coded software.
* Participated in Review meetings to discuss Issues with Team Lead and Project Manager.
* Prepared Final Test report after completion of execution.

**Environment:** Java, JavaScript, Quality Center JDBC, HTML, JavaScript, CSS, XML, SQL, PL/SQL, Oracle, Windows XP.

**Client: NipunaServices Limited, Bangalore India. Jan 07 – Mar 09**

**Role: QA Tester**

**Responsibilities:**

* Effectively implemented different QA methodologies/policies, strategies and plans in all stages of SDLC.
* Performed Unit testing on all application modules.
* Involved in System, Integration, and Data & Regression testing.
* Created test plan, test cases and test scripts development and executed based on business and technical requirements.
* Created the requirement traceability matrix.
* Performed manual Testing.
* Executed system, integration, end-to-end, and user acceptance test (UAT) test cases.
* Analyzed and created the bug tracking reporting and summary report.
* Conducted quality reviews to monitor the progress of project.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole.

**Environment:** Java, Manual testing, Test Director, Oracle, Windows XP.

**Education:** Bachelors in Computer Science, India.