**Saritha Eslavath**

**Email:** [sarithaeslavath00@gmail.com](mailto:sarithaeslavath00@gmail.com)

**Ph #: 847-502-9320l**

# PROFESSIONAL SUMMARY:

* 7+ years of experience in Quality Assurance and Software Testing, majorly in Healthcare and Banking domain.
* Full Software Development Life Cycle (SDLC) experience, involved in requirement analysis, design, development, testing, and maintenance with working experienced in Agile, Scrum and Waterfall environments.
* Knowledge of working in **Advertising, E-Commerce, Financial, Portals, Insurance, Health Care domain.**
* Solid understanding of quality assurance and software development methodology tools, techniques, best practices and has excellent problem solving skills in regards to web based application environments.
* Good working experience in open source Automation tools: **Selenium Web Driver, Selenium RC, Selenium IDE, Selenium Grid, Selenium2Library, Robot Framework, Cucumber.**
* Experienced in writing **Selenium or WebDriver** modules from scratch.
* Good experience on **Selenium Automation** using **WebDriver and Server**. Heavy programming using **Java, Junit, TestNG**.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Experience in **Black Box testing**, **Functional Testing**, **System testing**, **Integration testing**, **Regression testing**, **Data Driven testing**, **Back End** and **Front End testing** and **User Acceptance testing**.
* Proficient in developing and executing high quality Test Plan, Test Cases and Test Scripts from Requirements documents, Functional specification, Detail Design Documents, and wireframes.
* Good working experience in version control tool **GIT and SVN.**
* Good working experience in continuous integration tool **Jenkins, Hudson, Team City.**
* Skilled with finding Gaps and outlining appropriate approach for testing.
* Experienced in difference types of testing; End to End, Functional, Integration, GUI, Regression and UAT.
* Experienced with scripted, ad-hoc or exploratory testing.
* Hands on experienced in modifying existing automated scripts and creating new automated scripts, while executing and analyzing results.
* Good knowledge in Web Fundamentals: **HTML, XML, CSS, Java Script, VBScript, JQuery, PHP, Bootstrap, Ajax, Angular.js.**
* Solid Knowledge in Object Oriented Programming Concept such as -Inheritance, Polymorphism, Abstraction, Encapsulation, Interface, Class, Abstract Class, Object, Static, non Static variables methods etc.
* Good experience with HP Tools: HP Quick Test Professional (QTP), Application Life Cycle Management (ALM), Load Runner, HP Performance Center.
* Strong knowledge of database Schemas, SQL Languages, querying Tools (i.e. TOAD, SQLdeveloper) using Oracle, MySQL and proficient at performing Database Testing, data manipulation, checking constraints etc.
* Good working experience in using SQL different join like inner join, left join, right join, self join etc.
* Good knowledge in Web Service testing using SOAP UI and Rest API.
* Experienced coordinating and working with offshore and onsite team (QA, Dev, PM, BA, SME).
* Understanding of web application communications and structure including HTTP, client/server interactions, and data access models.

**Technical Skills:**

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| Development Methodology | Agile, Scrum, Waterfall |
| Automation Tool | Selenium Web Driver, Selenium RC, Selenium Grid, Selenium2Library, Sauce Lab, Quick Test Pro |
| Framework | Junit, TestNG, Page Object Framework, Page Factory, Cucumber, Robot Framework |
| Test Management | HP Quality Center, Rational Quality Manager, SAP Infoview (SAP Business Objects) Test Link |
| Defect Management | JIRA, HP Quality Center, Rational Clear Quest |
| Web Service Tool/Language | Soap UI, Rest API, Fiddler, Wireshark, http client 4.4, XML, Json, Groovy |
| Networking and Protocols | http, https, GET, POST, REST |
| Programming Languages | Java, Python, Ruby, C#, Java Script, VB Script, XML, PHP |
| Web and GUI Tool | HTML, CSS, Java Script, JQuery, Ajax, Angular.js |
| Development IDE | Eclipse, Spring Tool Suite, NetBeans, Aptana, PyCharm, RubyMine, Ride, Protractor, Sikuli, AutoIT |
| Database/Database tools | SQL Server, Oracle, MySQL, SQL Developer, Toad |
| Operating Systems | Unix, Linux, DOS, Windows, Mac , Android, iOS |
| **Version Control System** | SVN, Git, TFS |

**Professional Experience:**

**Client: Caremark, Richardson, TX. Jul 14 – Till Date**

**Role: QA Automation Engineer**

CVS Caremark is a recognized health care management. The main objective is building a test environment, tracking defects and making corrections, and assessing testing status.

**Responsibilities:**

* Attended meetings with the client and acted as scribe in making a detailed report about the outcome of the meeting.
* Responsible for gathering business requirements and writing functional specifications and process documents pertaining to new customizations or enhancements.
* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Designed and executed the Automation Test Scripts using **Selenium WebDriver and TestNG.**
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language and TestNG Framework**. Performed Integration Testing as development team releases the product.
* Used **Maven** and **POM** to help manage project’s build, report and documentation across the network.
* Developed test cases and tested them based on the Business Requirements, Test Scenarios and analyzed the actual results against the expected results.
* Developed automation test cases using **TestNG framework and** **Selenium** **WebDriver**.
* Used **Selenium WebDriver** and **TestNG** to run the parallel testing.
* Automated Smoke and Functional test cases using **Selenium WebDriver, TestNG** and **Java (Eclipse IDE)**.
* Performed Data driven testing using **Selenium WebDriver, TestNG functions and JDBC Connections** which reads data from scripts using property and XML files.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium **WebDriver** and **Jenkins.**
* Integrated the scripts and executed them as a suite using the build integration tool **Maven.**
* Created **Maven Build files** and used **SVN** for version control.
* Implemented Automated execution of tests (nightly and need based) using **Maven and** **Jenkins**.
* Used Firebug Tool to identify the Objects id, Name, XPath in the application.
* Generated Test data and Data Request document for various types of testing for valid data, Invalid data testing.
* Performed defect reporting and bug tracking using HP Quality Center.
* Introduced and implemented Open Source web test tool **Selenium and WebDriver** for cross browser testing.
* Used XML files in Sending/receiving XML requests using **SOAP UI.**
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Performed SOA / web services testing using SOAP UI; wrote adaptors to test / invoke web services.
* Performed various types of testing, such as **Functionality, Regression, GUI Interface, Integration System, User acceptance and, end-to-end testing.**
* Executed Test Cases recorded in HP Quality Center manually to test the application for its functionality, system integration and verify the Exit Criteria.
* Coordinated with developers and system engineers to fix application defects.
* Implemented and worked on Acceptance Test Driven Development (ATDD) agile methodologies completing releases ahead of schedule.
* Used the snooping tool to capture images and update them in the JIRA.
* Used JIRA as the defect-tracking tool. Updated JIRA with all the changes made to the test case and closed it when all the requirements were met as specified.
* Using SQL, retrieved data from Oracle database using SQL developer and generated reports using **SAP** Infoview.
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers.
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Environment:** Java, Selenium Web Driver, TestNG, SOAP UI, Maven, Jenkins, Jira, ClearCase, Oracle, XML, Java Script, DHTML, Quality Center, SAP Infoview, SQL and Windows 7.

**Client:** **Quicken Loans - Carol Stream, IL. May 13 – Jun 14**

**Role: QA Automation Engineer**

**Quicken Loans** Inc., headquartered Detroit, Michigan is the largest online retail mortgage lender and the second largest overall retail lender in the United States**.**

**Responsibilities:**

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.
* Performed different testing task using various **test scripts on Selenium Web Driver** and **Junit**.
* Developed test code in Java language using **Eclipse, IDE** and **Junit** framework.
* Involved in designing and implementing of **hybrid automation** framework to be used with **Selenium Web Driver**.
* Converted commercial **QTP Scripts** to open source **Selenium** **Web Driver scripts** to maximize the profits of the company without compromising Quality.
* Used **Java** language and **Junit** framework for scripting. Used **Ant** for building the Web Driver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Integrated Automation scripts (Selenium Web Driver API) in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* Designed and executed the Automation Test Scripts using Selenium Web Driver and Junit.
* Used **Selenium Web Driver** API and Flash Monkey API to write automation script and run **Flex** designed site.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and Web Driver**.
* Performed Data driven testing using **Selenium Web Driver**, **Junit** functions and **JDBC** Connections which reads data from scripts using property and XML files.
* Used **Firebug** Tool to identify the Object’s id, Name, **XPath**, link in the application.
* Involved in Web Services Testing using **SOAP UI.**
* Performed **Smoke Testing to make sure all the Test Channels and Test Environment** is working as desired.
* Used **Selenium Web Driver** used to test search results of Meta search engine.
* Responsible for fixing and maintaining regression automation test scripts for end to end testing using **Selenium Web Driver** (using **Java**).
* Performed data driven testing by using JDBC as a data source in **SOAP UI** and configured SQL queries to fetch data from the Oracle database.
* Executed all the test steps in **QTP,** test results are logged and reports are generated using **SAP** Infoview.
* Involved manual testing of various test cases with respective test scripts on **Selenium** and generate analysis report with **Quality Center**.
* Data Validation and testing using **SQL and PL/SQL** with Oracle and Toad also **JDBC**.
* Conducted **backend testing using SQL queries** to validate data for database and Used **SQL queries** for retrieving data from database for executing user specific test cases.
* Defect logging and tracking using Mercury Quality Center (QC) and updated the test defects status with results.
* Involved in testing of web application by creating XML test suite.
* Used **BugZilla** for bug tracking and reporting, also followed up with development team to verify bug fixes and update bug status.
* Closely involved with development team, maintenance team and business team regarding changing **requirements,** **builds and releases**.

**Environment:** Java,Selenium Web Driver, JavaScript, Jenkins, Firebug, XPATH, Junit, XML, DHTML, HP Quality Center, SOAP UI, ANT, SQL, JIRA, ClearQuest, SAP Infoview, BugZilla, SQL, Oracle, Windows.

**Client: Sun Trust Bank, Atlanta, GA. Mar 12 – Apr 13**

**Role: QA Analyst**

Web application for enhancing customer service that provided the online banking customers to easily and securely access balance information, pay bills, transfer funds.

**Responsibilities:**

* Extensively Involved in writing white-box test cases based on the **User** and **Business Requirements**.
* Worked on **Selenium** for creating and executing test cases for functionality testing of a **web app.**
* Involved in defining **test automation strategy** and test scenarios, created automated test cases, test plans and executed tests using **Selenium RC.**
* Used **Selenium Grid** to test the compatibility of the tests across multiple servers to save time.
* Worked on **White-Box** server-side System level test cases using **JUNIT.**
* Involved in **ANT** configuration for running servers and scripts after the build**.**
* Database Change Verification testing using **Oracle-TOAD** and **PL/SQL** queries/procedures.
* Performed System level integration, load and performance testing of the application.
* Verified the application on difference web browser such as IE, Mozilla Firefox and Opera.
* Tested web-based application on different operating systems such as Windows XP, Vista and UNIX. Also, tested the application for different Java versions.
* Worked on **JIRA** for ticket management.
* Developed and documented complete testing process with well-written test cases.
* Involved in project meetings to meet project deliverables and goals.

**Environment:** Java, Selenium RC/IDE, JIRA, Junit, AJAX, Perl, CSS, TOAD, PL/SQL, Oracle, Windows XP.

**Client: Quest diagnostics Lenexa, KS. Nov 10 – Feb 12**

**Role: QA Engineer**

Quest Diagnostics Incorporated is the world's leading provider of diagnostic information services that patients and doctors need to make better Healthcare decisions. Many companies and organizations rely on Quest Diagnostic products & services, such as Clinical Trials, EHR Vendors, Employers, Government Agencies, Health Plans, Life Insurers and Pain Clinics. By improving data security and HIPAA compliance, Quest Diagnostics served as the life insurance industry as the leader in risk assessment testing for life insurance companies. As part of Quest Diagnostics, Lab One’s Insurance Services Group and Exam One consolidated brands, consisting of laboratory testing, paramedical exams, electronic data collection, medical records retrieval, inspection reports, data products, etc.

**Responsibilities:**

* Helped in preparation of test plans in accordance with the business requirements.
* Developed and Executed **Automation** and **Manual test cases** for Functional testing of various modules of the application.
* Responsible in executing **Selenium** test scripts on different browsers and checked for compatibility.
* Effectively participated in every day **agile scrum** stand-up meetings and participated in Iteration planning and retrospective meetings.
* Executed positive and negative scenarios.
* Automated functional scenarios using **Selenium IDE** and **RC.**
* Worked on developing the automation scripts for backend testing using **Selenium RC.**
* Created automated scenarios using Selenium for regression and Data-Driven testing.
* Used **SQL** queries to perform the back-end testing on Oracle.
* Conducted regression testing after every new build.
* Worked with users on **User Acceptance Testing.**
* Involved in tracking and reporting defects using **QC** and was also responsible for communicating the status to the development team.
* Used HP Quality Center to report defects and test results.

**Environment:** Java, Selenium RC/IDE, agile, Firebug, SQL, HP Quality Center, SQL, Oracle10g and Windows.

**Company: Leading Edge solutions, India. Sep 09 – Oct 10**

**Role: Manual Tester**

**Responsibilities:**

* Analyzed the user requirements by interacting with system architect, developers and business users.
* Suggested improvements in test process by gathering and analyzing data.
* Reviewed and analyzed Detail Designed Specification and Technical Specification documents.
* Analyzed the SRS (System Requirement Specifications) and developed Test Suites to cover the overall quality assurance testing.
* Involved in complete QA Life Cycles.
* Prepared Test Cases with the complete description of requirements, uploaded test cases and report results into Quality Center.
* Performed Manual Testing to check flow of the application.
* During testing life cycle, performed different types of testing like System Testing, Integration Testing and Regression Testing.
* Created Test Execution Matrices during the test cycle.
* Participated in QA Team meetings and weekly QA testing reviews.

**Environment:** Java, Quality Center, MS Visio, HTML, Java Script, Oracle, VSS, Windows.

**Company: Value Source Technologies, India. Jun 08 – Aug 09**

**Role: QA Tester**

**Responsibilities:**

* Understanding the requirements from requirement document and Prepared the test plan and test cases in Test director.
* Developed the test cases and executing the test cases using Quality Center.
* Performed UAT Testing.
* Executed SQL Queries to test changes to database.
* Used to RTM to log the status of Requirement and Test cases.
* Tracking defects using **Jira** Tool.
* Participated in biweekly and monthly report meetings.

**Environment:** Quality Center, MS Word/Excel, Oracle, SQL, Windows XP.