**Lavanya  vaarisakky**

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

**Ph#: 408 475 8518**

**Professional Summary:**

* Over 7+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 automated testing**.
* Extensive working experience on all phases of **Software Development Life Cycle (SDLC)**, its methodologies and process.
* Experience in Automation testing using **Selenium WebDriver/RC/IDE/GRID, Junit, TestNG, Jenkins, Maven, Ant, QTP, Cucumber, SOAP UI and HP Quality Center.**
* 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.**
* Expert in integrating Automation scripts (Selenium WebDriver API) on **Continuous Integration tools Hudson/Jenkins** for nightly batch run of the Script.
* Good experience in **Selenium Test Environment** setup expert using the entire open source tools. Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Experienced in making **Data Driven** and **Keyword Driven framework** to maintain test suite.
* Experience with comprehensive understanding of all phases of **Test Life Cycle**, including requirements gathering, test planning, and scheduling, testing, defect tracking, and reporting.
* Expertise in Automation Testing, Manual Testing, Smoke Testing, GUI Software Testing, and Backed end Testing, Black-box Testing, Functional Testing, System Testing, and Regression Testing.
* Good experience in **Web Services testing using SOAP UI, XML, & WSDL.** Providing required input data to request XML & get the required data from response **XML & use the response data from other request XML using SOAPUI.**
* Strong experience with **SOA** architecture which include **Soap Web Service** and **RestFul Web Service** Testing
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA, Bugzilla.**
* Experience with **Mobile testing i**n **IOS**, **Android** and **Windows**, integration level testing, requiring ability to work with both big picture & in-depth domain knowledge.
* Good programming skills in **Java, C, C++, VB, Oracle, SQL, and PL/SQL and experience in SQL Server, Access and Oracle Databases.**
* Expertise in **back ends testing** and writing **SQL queries, Joins, procedures** using **Oracle** and **MySQL**.
* Strong knowledge of **Software Development Life Cycle(SDLC)** methodologies such as **Agile, SCRUM and waterfall models and TDD.**
* Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.
* Highly motivated team player with analytical, organizational and technical skills, unique ability to adapt quickly to challenges and changing environment.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.

**Technical Skills:**

|  |  |
| --- | --- |
| **Testing Tools** | Selenium IDE, Selenium RC, WebDriver, WebdriverBackedSelenium, |
| **Languages** | JAVA, Java Script, HTML, XML,C,C++ |
| **IDE** | Eclipse, SQL Developer |
| **Test Framework** | JUnit, TestNG, Data Driven Framework, MVC |
| **Web Debugging Tool** | Xpath, Firepath, Firebug, Webdebugger |
| **Build Tool** | Ant, Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | JIRA, Quality Center (QC),Bugzilla |
| **Continuous Integration Tools** | Jenkins, Hudson |
| **Browsers** | Mozilla Firefox, Internet Explorer, Safari, Google Chrome, Opera |
| **Application** | Microsoft Office, Excel, PowerPoint, Outlook |
| **Other tools** | Ms office, Ms Visio |
| **Databases** | SQL Server, MS Access, Oracle, MySQL |
| **Operating Systems** | Windows (XP, Vista & 7, 8) Linux, Mac |

**Professional Experience:**

**Client:Walgreens (Deerfield, IL). Dec 14 – Till Date**

Walgreens Company is the largest drug retailing chain in the United States. It is widely popular in pharmacy and Home Health care network Services, Retail and in Point of Sales (POS) products.

Walgreens maintains and supports Pharmacy, Photo and Daily Living application process including inbound/outbound data files to different vendors for order fulfillment, inventory updates, catalog integration, feeds processing, updates the web site for promotional offers to customers, loyalty customer management, automated customer communication on order status, batch processing, downtime coordination, triaging the production issues, facilitating the calls for different teams on crisis situations.

**Role:QA Automation Engineer**

**Responsibilities:**

* Developed Manual Tests by analyzing product use cases, and requirements as well as technical design and implementation artifacts to create test cases that execute the specific product functions.
* Created whole test framework using **Selenium** WebDriver for further test creation and execution.
* Performed performance and load testing by using **Selenium WebDriver.**
* Extensively involved in identifying test cases to automate. Automate those test cases using **Selenium WebDriver,TestNG** and Java **(Eclipse IDE).**
* Responsible creating the functional testing framework using **TestNG** and using **SeleniumWebDriver**for writing Automated Scripts with Java.
* Developed automation framework to test **SOAP** based **WebServices** using **TestNG**.
* Maintained and executed **Maven build files** for running automated tests.
* Used **Maven** to help manage project’s build, report and documentation across the network.
* Contributed to the **Continuous Integration** pipeline running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running **automated** and **manualfunctional** tests.
* Integrated Automation scripts (**Selenium WebDriver API**) on **Continuous Integration tool Jenkins** fornightly batch run of the script.
* Responsible for creating and maintaining automation acceptance test suite using **Selenium**, **Ruby** and **Cucumber** framework.
* Performed **GUI, Functional and Regression** testing by automated using **Selenium, TestNG, Maven, and Jenkins**.
* Performed black-box testing, white-box testing, integration testing and regression testing on the applications.
* Participated in internal and cross functional code and design reviews.
* Used**Firebug** and **XPath** for the web based application testing with selenium for the commands and locator application.
* Created the data driven framework using **HP Service Test and SOAP UI.**
* Created automation scripts in **SOAP UI using Groovy Script for web services testing.**
* Collaborated with development and QA team to write highly detailed test plans and writing test cases using **Quality Center**.
* Used **SQL Queries** to retrieve the data from the table and to perform Backend Testing.
* Developing **SQL Queries/SQL**Procedures to test data load.
* Played a key role in production releases and perform UAT test of the system.
* Worked with an integrated team of developers, project managers, and business and testing analysts.
* Contributed to Team Effort by accomplishing related results as needed.
* Prepared reports by collecting and summarizing information to include providing accurate data for project reporting as well as a weekly personal status report to in the assigned template format.
* Worked in cooperation with all members within organization and project.

**Environment**: Java, Selenium WebDriver, Cucumber, Jenkins, TestNG, Maven, SOAP UI, Quality Center, Eclipse, XPath, Firebug, Ruby, SQL and Windows.

**Client: Macys- (Boston, MA). Apr 13 – Nov 14**

Macy's, originally R. H. Macy & Co. (styled as Macy's), is a mid-range chain of [department stores](https://en.wikipedia.org/wiki/Department_store) owned by American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation)[corporation](https://en.wikipedia.org/wiki/Corporation) Macy’s Inc. Macy's is known for its niche popular culture and the diversity in its merchandise.

The project was about introducing **‘My wallet’** feature in their official website and support Macy’s mobile app.

Key features of**‘My wallet’**include deals and promotions; add gift coupons, flagging the offers and usage of **‘My wallet’** for instore purchases for customers who have a Macy’s credit card. This project involved both front end and back end **testing.**

**Role: QA Automation Engineer**

**Responsibilities**

* Involved in understanding and reviewing requirements, creating the use cases, documenting all the requirements with each use case number and linking test cases with the requirements.
* Automated the functionality and interface testing of application using **Selenium WebDriver**.
* Used **Selenium WebDriver**as an automation tool for record and run secession.
* Performed functional, system, and regression testing of a web based application working in an **agile** environment.
* Used HP **Selenium** to develop and maintain reusable Test scripts and worked with expert view environment using parameterization, checkpoint, regular expression, object model, virtual objects, and recovery Scenarios etc.
* Used **Selenium WebDriver** for automation test execution of the test cases in each iteration.
* Worked on developing the automation scripts using **Selenium WebDriver** with **Junit Frame work.**
* Developed test code in Java language using **Eclipse, IDE** and **Junit** framework.
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* Used **Ant** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Involved in Writing **ANT** build scripts to automate the compilation and execution of **Junit** test cases/suites for VIN service, common data service, and Admin UI and java client modules.
* Involved in the Continuous Integration of the automation framework with **Jenkins**.
* Configured the test suite to **Jenkins** to make it run on every successful deployment, which helped reduce the feedback loop time to the developers.
* Responsible for creating and maintaining automation acceptance test suite using **Selenium**, **Ruby** and **Cucumber** framework. Also responsible for converting automation scripts to new framework **using Selenium WebDriver, Java** and **Junit**.
* Used **XPath** and **DOM** to work with dynamic and static objects in **Selenium**.
* Responsible for Setting up Web Services project using WSDL in **SOAP UI** and provided setup help to other team members.
* Performed functional testing of **SOAP and RESTFULL Web Services using SOAP UI Tool.**
* Converted manual test scripts to automated test scripts in **Selenium.**
* Performed the **Mobile Testing for** Mobile App of Client, identify the Mobile Platform like IOS, Android.
* Wrote the Test Case for **Mobile Testing** and executed that using Automation Tool Fone Monkey.
* Performed an end-to-end test in a production environment to validate new or updated business processes, customization and configuration, reports, and data migration.
* Tested the operational tasks involved in loan products covering account creation, approvals and disbursals, making payments and closing of accounts using end- end testing.
* Involved in developing detailed test strategy, test plan, test cases using **JIRA** for Functional and Regression Testing.
* Logged and managing the defects and resolving the logged defects in **JIRA.**
* Exported and Imported test data between **JIRA** and MS Excel/Word.
* Checked the data flow through the front and backend and used **SQL queries** to extract the data from the database.
* **Used MY SQL** as a database management tool to work on performance testing.
* Managed data base warehouse by transferring daily updates which are edited in current data base.
* Perform UAT testing with business analyst assistance to check the system after resolving all the defects which are been found during test phase.
* Prepared weekly productivity reports and submitted test metrics to the management.

**Environment:**Java, Selenium WebDriver, Junit, Jenkins, Cucumber, Ant, SOAP UI, Jira, Mobile Testing, XPath, Eclipse, DOM, HTML, CSS, Java Script, Agile, Internet Explorer, Chrome, Firefox, SQL, Oracle and Windows.

**Client: Great-West Financial** – **(Overland Park, KS).Nov 11 – Mar13**

Great west Financial is a leading provider of life insurance, pension plans and asset management. They have multiple web applications for life & protection (L&P), individual savings & retirement plans (IS&R), individual retirement accounts (IRA), employer sponsored retirement plans (ESR), employee savings & pension plans (ES&P), divisions, and Customer.

As a Sr. QA analyst I was appointed to enhance Great west financial Client Portal. Initially every client had to login to a different web applications to manage their Policies/Contracts with Great west financial. The goal of the project was to build a centralized web application and a repository data warehouse to serve Great west clients to manage their respective policies and contracts on one common platform. It involved heavy data migration experience, data mapping, and compare data between several databases. It was a very complex project with high executive visibility.

Key features of the web application include: client could easily navigate between policies for claims, premiums and any other policy/contract information. The application also had heavy reporting functionality examples of which include policy reports, claims reports, drill down reports for insurance agents etc. Used SQL extensively to make sure all the report data was correctly being retrieved and displayed.

**Role: QA Engineer**

**Responsibilities:**

* Reviewed and analyzed the Business requirements and Functional requirements to better understand the client needs.
* Participated in meetings with Business Analyst and Developers to understand the scope of testing.
* Created Test Plans, Test Scenarios and Test Cases for assigned modules as well as verify the actual result based on the expected results.
* Regression test cases were written and automated using **Selenium RC** and **IDE.**
* 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 RC.**
* Involved in setting up configuring the testing environment with **Eclipse, Junit, Selenium RC and Selenium Java client driver**.
* Performed Smoke, GUI, Functional, Performance, Integration and Usability testing.
* Developed the test cases using **SeleniumRC**according to functional specification and requirements
* Used **Selenium RC**and checked the functionality of the application for every release.
* Performed SOA / web services testing using **SOAP UI**; wrote adaptors to test / invoke web services
* Validation of data through SQL queries.
* Involved with working in all phases of SDLC methodologies.
* Involved in extensive Interactive and manual testing of the product using **Quality Center.**
* Involved in execution of Test cases and reporting defects and tracking them to closure.
* Actively Participated in Business requirements review meeting and weekly team meeting.
* Involved in implementation of the system and making sure that the product met the required user specification.
* Performed Data Validation and Data Integration for Back End testing using SQL Queries.
* Performed Database testing by executing SQL queries/Procedures.

**Environment:**Java, Selenium IDE/RC/Grid, Agile, JIRA, QC, Junit, SOAP UI, XML, Oracle, Windows, LINUX.

**Client:GAP Inc, New York, NY.Jun 10 – Oct 11**

**GAP** Inc. is one of the world largest specialty retailers and respected brands in the apparel industry. It is a leading international specialty retailer offering clothing, accessories and personal care products for men, women, children and babies. Worked on onlineweb application, which is to deliver the highest level of customer service found on the web. **The system provides online shopping for clothing, check-out, adding to bag/e-cart, editing e-cart etc.**

**Role: QA Tester**

**Responsibilities:**

* Performed manual testing of the application to test the system for positive and negative scenarios. Understanding the Functional Requirements.
* Broad Understanding of Cognos BI tools and ability to translate user requirements into Framework Manager Models and reports.
* Developed Test cases and performed manual testing for Positive Testing, Negative Testing and Black Box Testing.
* Developed Test cases for manual testing using Test director and logged defects in Rally Dev software
* Performed Testing process in an **Agile** environment
* Involved in the preparation of Test Case Matrix for the features assigned.
* Conducted Functional, Regression and System Testing for various modules.
* Prepared test cases for boundary value analysis using black box testing techniques.
* Identified the Functional gaps and reported to the onsite team.
* Initiated the process of delivery of the product and identified the priorities of the product features for each release.
* Updated the defect status and opened new defects while testing the defects and prioritize them based on severity in **Quality Center.**
* Performed SQL queries to verify GUI front end results and to extract and manipulate data to satisfy test cases/ requirements using **MS SQL Server**.
* Conducted Regression testing on various builds of the application and reported the defects to the developers.

**Environment:**Java, Manual Tester, Quality Center, MS Visio, HTML, Java Script, Oracle, VSS, UNIX**.**

**Client:GlaxoSmithKline (GSK), Philadelphia, PA.Aug 08 – May 10**

Until the implementation of this project, GSK did not sell its vaccines to health care professionals directly. It sold them to distributors who in turn sold them to health care professionals thereby introducing a middle layer. This project was intended to automate the vaccines ordering process through an ecommerce solution, thereby enabling the health care professionals, hospitals etc. to register online and buy vaccines through a virtual purchasing mechanism.

**Role:QA Tester**

**Responsibilities:**

* **Analyzed** business requirements, **documented** business requirements specifications, wrote **Test Plans**, **Test Cases**.
* Worked with development team to understand **technical design** and **architecture** for test planning.
* Worked under waterfall methodology.
* Executed Manual and Automated tests and reports defects by running automated tests; executing manual tests; reviewing results of all tests and reporting anomalies into the defect tracking database; verifying the resolution of all defects for an assigned project.
* Prepared **traceability matrix** to ensure the adequate coverage of the test cases.
* Prepared required documentation for **testing signoff** by various parties as required by the project plans.
* **Assigned, Monitored** and **Tracked Tasks** of Team Members.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Uploaded test cases executed test cases and logged defects in Mercury **Quality Center.**
* Maintained **Traceability Matrix** to track the requirements to the test cases to ensure complete test coverage in the **Quality Center**.
* Connected to database to Query the database using **SQL** for **data verification** and **validation**.
* Performed back end testing on oracle database by writing **SQL quarries.**
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Interacted closely with developers regarding defects, participated in **tracking, reviewing and analyzing** bugs.
* Worked extensively with business users to define scope and prepared ‘Documents of Understanding’ for various **change requests** by analyzing the feedback from user groups.

**Environment:**Java, Manual Tester, Quality Center, MS Visio, HTML, Java Script, Oracle, UNIX**.**

**Education:** Master of Computer Applications, Sri venkateswara University, India.

**References:** Will be provided upon request.