**Sri Valli**

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**Senior QA Analyst with 8+ years of experience** in all phases of Software Testing Life Cycle (STLC) developed Test Strategy, Test Cases, Test Plan and Automation test scripts using **Selenium and Java**. Diversified experience in Automation, Performance testing, manual testing and business analysis methodologies across various domains such as **Banking, Insurance, E-commerce and Retail**.

**Professional Summary**

* Experience in complete Software Development Life Cycle which includes **Systems Analysis, Design, Development, Testing** and **Documentation** of various applications in **Client/Server, Internet/Intranet (Web)** Environment.
* Expertise in Software Development Methodology with **Agile technology.**
* Extensive experience in testing Web based Applications, Web services, Client/Server and Standalone applications, GUI and databases.
* Developed **Automation Frame Works** to implement QA Business Process.
* Experience in **QTP, Selenium and Ranorex** automation tools in an Agile environment
* Designed the Automation framework using, **Selenium and Ranorex**.
* Good at framework design and Implementation using QTP, Selenium and Ranorex.
* Strong experience in developing **Test Plans, Automation Testing Strategies, Automation Testing Matrix** and **Test Scripts.**
* Expertise in validating **SOAP and REST based web services**.
* Expertise in developing and executing scripts using **Selenium Web Driver and Test NG** framework.
* Involved in setting up Automation framework using **Selenium WebDriver, JAVA and TestNG.**
* Expertise in **Test NG Annotations and Assertions**.
* Used to **TestNG.xml** to run Selenium tests and get **Test NG reports**.
* Experience in **Cross Browser Testing** and Parallel test execution using **Selenium Grid**.
* Experience in **Testing** of various **Web** and **Client/Server Applications** written using angular.js, VB/PERL/C/C++, J2EE/JSP/Servlets/Enterprise Beans/Java Script/VB Script/XML, **Web Services** and **SOA.**
* Experience in **Data Driven Testing**, **Keyword Driven** and **Hybrid frameworks** using **Selenium WebDriver**
* Experienced in using **Maven** build tools to manage framework dependency jar files.
* Good with Groovy Scripting  to help automate web services testing using SOAPUI
* Expertise in using inbuilt Context object and Groovy Scripting to hold key/value pairs in properties specific to a Particular TestCase.
* Hands on experience in using build and project management tolls like **Ant, MAVEN** and Configuration management tools like **SVN, GIT**.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD (Behavior Driven Development), TDD (Test Driven Development)** using **Cucumber in Gherkins format**.
* Experience in **Behavior driven development** testing using **Cucumber JS**
* Experience in testing various web services using **SOAP UI** tool.
* Worked extensively on **Postman** tool for validating **Restful** services by sending **Http** **requests** and validating the **responses.**
* Expertise in different types of Testing Methodologies: **Black box, Module, Integration, Stress, Load** &**Performance, Regression** and **UAT.**
* Experience in validating the projects with huge data using **data validation** and **verification** process
* Experience in testing responsive web design on various **mobile devices**, including smart phones and **tablets**
* Extensive experience using **SQL** and **PL/SQL** in Data validation and manipulation with databases like **Oracle 10g, MS-SQL Server**.
* Strong experience in writing the **SQL queries**, executing and validating the backend data
* Good working experience in defect management tool **HP QC**.
* Experience in generating the detailed estimation efforts that supports the project cycle.
* Excellent interpersonal and customer relational Skills. Proven communication, presentation Skills and Leadership Qualities.

**Technical Skills**

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| --- | --- |
| **Methodologies** | AGILE (SCRUM), WATERFALL, SDLC and STLC |
| **Testing tools** | Selenium, Selenium RC, Selenium WebDriver, Cucumber, SOAPUI, Junit,QTP, Postman, JMeter,Ranorex |
| **Test Build & Integration Tools** | Maven, ANT, Jenkins, Team Foundation Server and Tortoise SVN |
| **Programming Languages** | JAVA, C#, Python,Groovy |
| **Databases** | MYSQL, Oracle, SQL Server. |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Frameworks** | TestNG, Keyword driven, Data driven, Hybrid, Page Object Model. |
| **MS Office Tools** | Outlook, MS Word, MS Excel, MS PowerPoint, MS Access and MS Visio |
| **Other tools** | Jira, HP ALM, Eclipse, Firebug, Fire Path, UI Automator, Perfecto and Appium |

**Project 1**

**Capital One, Richmond, VA May 2016 – Present**

**Sr. QA Analyst**

**Project Responsibilities**:

* Performing the role of **QA Test Automation engineer** in a fast-paced **agile team**.
* Reviewing requirement documents, system documents to ensure technical accuracy, completeness and compliancy.
* Participating in design reviews to provide inputs on functional requirements, product designs and schedules.
* Creating Test Plan, Test Strategy and Test Cases manually for the application.
* Automating the test scripts using **Selenium with Java**.
* Responsible for creating and customize test scripts in Java in **TestNG** format.
* Interfacing with other groups like, Configuration Management team and Database team to test all features of the application in the perspective of End-to-End.
* Analyzed and wrote detailed test cases, test plan, prepared test scripts.
* Involves in testing cloud based applications using the testing frameworks like CRM.
* Involved in business requirement analysis, creating/updating test strategy, test plan, test scenario, test cases for manual testing and coordinate for creating automation framework and test scripts for functional testing.
* Developed test scripts based upon functional requirements and processes. Processed transactions from system entry to exit.
* Maintaining all manual test scripts and other artifacts like test data, test results and defect reports using **JIRA**.
* Using knowledge of **SQL** and database query tools like **Oracle SQL** Developer, to perform data validations for **Backend testing.**
* Utilizing knowledge of **XML** and experience of **SOAP UI** tool in Web Services testing.
* Involved in release activities, production validation, manual testing of Rating system, database testing, Web Service testing using SoapUI and Integration testing.
* Designing automation test suites for regression testing using knowledge of **java** programming language and **Selenium WebDriver**.
* Experience in doing automation testing for Mobile application in both **Hybrid** and **Native** applications using **Appium** tool and **Perfecto** mobile software, which involves **IOS** and **ANDROID** platforms.
* Worked with various **JavaScript** elements and handled them using **DOM** with JavascriptExecutor.
* Involved in development of **data-driven framework** using Selenium WebDriver.
* Responsible for developing the scripts to support **Jenkins** (Continuous Integration) of the scripts with the build server.
* Developing Automation Scripts using  Groovy Script with the help SOAPUI tool as per the Technical and functional requirements.
* Using **Apache Groovy** for unit testing.
* Experience in doing automation testing for Mobile application in both **Hybrid** and **Native** applications using **Appium** tool and **Perfecto** mobile software, which involves **IOS** and **ANDROID** platforms.
* Wrote **BDD UAT** using **Gherkin** format and implemented the step definitions using **Cucumber** for User Acceptance Test (UAT)**.**
* Used **SVN** as our source code management (version control) tool to checkout and commit the work into it.
* Involved in Writing **Maven** build dependencies to automate the compilation and execution of test cases/suites.
* Identifying and creating test data needed for carrying out execution of all functional and regression scripts.
* Experienced in giving training to the functional testers to execute Test Cases using QTP/UFT as part of Regression Testing.
* Worked on QTP/UFT for Regression, Integration, and system Testing.
* Coordinating with other cross team to ensure the newly developed features function End-to-End.
* Performing production checkout before each production deployments and supporting the operations team in identifying and resolving all production issues.
* Creating test cases from Release Notes, executing test cases, analyzing and interpreting results and reporting defects in **JIRA**.
* Followed Agile methodology and participated in Iteration planning meeting, retrospective, and Scrum meetings

**Environment:** Selenium Web Driver, Selenium Grid, TestNG, Jenkins, Cucumber, Oracle, PL/SQL, JIRA, Java, Apache Groovy, UNIX, Windows, Eclipse IDE**,** MS Office Tools, Agile, SVN.

**Project 2**

**SunTrust Bank, Atlanta, GA July 2015 - April 2016**

**Automation/QA tester**

**Responsibilities:**

* Assessed & analyzed user stories and participated in Sprint planning**,** Review Sessions & Scrum Meetings and developed Test scenarios, Test cases, Test data, Test procedures, Test reports.
* Worked on **Jira** for maintaining the requirements of the project, Project life cycle and **Confluence** for logging the defects and **Zephyr** for maintaining **quality** **metrics**.
* Experience in scheduling the **tasks** and **time deadlines** within the team to meet the requirements of particular **sprint**.
* Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents
* Involved in **Automation Framework development (Data Driven Framework)**, from the scratch using **Selenium WebDriver**, **TestNG, Cucumber, JVM** and **Page object model** in **Eclipse IDE**.
* Involved in various SDLC Phases-Requirements Analysis, Test Case Development and **Conducted End to End and Black box testing**.
* Experience in performing different kinds of testing like **Smoke testing**, **Sanity testing**, **Re-testing**, **Integration testing**, **System testing** and **ad-hoc testing**.
* Involved in scope creation, script creation, configuration, execution, analysis, resolution, retesting in order to performance testing using **jmeter**
* Coordinating with the team members. Involved in creation of automation scripts and execution of automated **regression suite** and fixing.
* Automation testing script for **web, Mobile** and client server applications
* Used **Maven**, **Selenium WebDriver** to execute Selenium automation suites on different platform.
* Involved in preparing test cases using **Selenium Web driver** to validate all UI components, Popups, Browser navigations, **Mouse Movements.**
* Developed **BDD** **(Behavior Driven Development) and ATDD (Acceptance Test Driven Development)** tests using **Cucumber** in **Gherkin** format for writing behaviors and step definitions using **TestNG** and **Junit**.
* Performed **Functional testing** as per user stories and also performed **Integration Testing** &**System Testing** using **Selenium WebDriver** automation scripts.
* Performed **Data driven testing** to validate the components displayed on the website using Selenium
* Defining automation scripting, execution, analysis and status reporting to release management
* Took the **Application Screenshots** and copied the images whenever exceptions occurred and also at important checkpoints of application execution.
* Attended daily **scrum meetings** with the team to discuss the milestones and progress
* Developed Functional and regression test suites using Mobile Labs Trust.
* End to End Testing is performed where the Applications are corrected through both front end and back end using Mobile Labs Trust.
* Tested Mobile app on iOS and Android (Native as well as browser) using the **Appium** server
* Well versed in communicating and coordination with **Subject Matter Expert** &**Business Analyst**
* Performed **browser compatibility testing** in different versions of Internet Explorer, Chrome, Mozilla Firefox and Safari and also performed **Cross platform testing** across different versions of operating systems (**WINDOWS**, **LINUX** and **UNIX**) using **Selenium Grid**
* Took the **Application Screenshots** and copied the images whenever exceptions occurred and also at important checkpoints of application execution.
* Involved in Web services testing using **SOAPUI** Tool. Validated request and response **XML**. Added **Assertions** to validate the **XML** in Web services **SOAP**.
* Worked extensively on **Postman** tool for validating **Restful** services by sending **Http** **requests** and validating the **responses.**
* Experience in doing automation testing for Mobile application in both **Hybrid** and **Native** applications using **Appium** tool and **Perfecto** mobile software, which involves **IOS** and **ANDROID** platforms.
* Used **SDK** manager to install packages of different versions of android.
* **Cross operating system testing** on different versions of Android & IOS.
* Used Team Foundation Server as a source repository system to share code within the office as well as with the team in offshore.

**Environment:** Java, Selenium WebDriver, Page Object Model (POM), TestNG, Jmeter,Maven, restAssured, Agile, Eclipse, XPath, Firebug, SQL, Appium, Perfecto, Cucumber, Gherkin Jira, Confluence, Zephyr, Team Foundation Server and Windows.

**Project 3**

**S&C Electric ,Alameda, California**

**QA Test Engineer Sep 2014 – June 2015**

**Responsibilities:**

* Worked as QA Analyst in testing application
* Performed agile testing, review the stories and participated in Daily Scrum, Iteration Planning and Release Planning meeting and **used HP ALM Tool**.
* Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents
* Analyze the **Business Requirements** and closely work with the Business Team to get the clarifications addressed.
* Gathered Project documents and performed **Gap** analysis
* Used **Firebug** and **FirePath** for element identification while creating Page Object Repository
* Managed individual sprints user stories and tasks using **JIRA** as tracking tool
* Created **Test plans,** managed team members and Identified what is In-scope and out-scope of the project based on Project Scope documents .
* Responsible for customizing **Selenium API** to suit in testing environment.
* Contributed in developing **Automation Framework that** uses Java, Selenium Web Driver and JUnit.  Performed Data driven testing using Selenium Web Driver, **TestNG** functions and **JDBC** Connections, which reads data from scripts using property and XML files.
* Involved in developing selenium **automation framework using TestNG**. Developed Maven targets to execute automation suites from command line.
* Responsible for creating and maintaining the automation of regression scenerios for different modules using,**selenium and Ranorex** tools.
* Generate Data for Automation as well Manual purposes using Ranorex with C#and Nunit.
* Developed Test Scripts in C# using Ranorex.
* Use of visios to create automated test scripts in Ranorex.
* Identified Test scenarios based on the Business and Functional requirements
* Tested Mobile app on iOS and Android (Native as well as browser) using the **Appium** server
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD (Behavior Driven Development), TDD (Test Driven Development)** using **Cucumber**
* Created Test Scenarios for Business Rules and Business Process by creating both **positive** and **negative** test cases according to the Business Rules and Business Strategies of the application
* Identified the test data by organizing multiple test data review meetings and also created test data for specific Test Scenarios and Test Cases using **SQL** Insert scripts
* Created test data requirements document based on the test scenarios and provided to the **DBA** for test data purpose
* Mapped the test data to a specific test case for execution purpose
* Responsible for creating and executing the selenium scripts and analyze the test results.
* Used **Firebug/Fire Path Add-on tools** to identify the Object's id, Name, XPath, link in the application. Performed **Functional**, **System**-**Integration**, **End to End**, **Regression** testing and **User Acceptance Testing**
* Involved in testing web services of the application using an Open source **SoapUI** Tool
* Managed the framework dependency jars using **Maven**
* Performed **cross browser testing** on different Operating Systems like Windows, Linux and Mac and on different browsers like Internet explorer, Firefox, Google Chrome, Safari and Opera.
* Performed System, Integration, **Smoke, Sanity, Functional, End to End, Positive and Negative and monitored the behavior of the applications** during different phases of testing using testing methodologies.
* Participated in enhancements meeting to distinguish between bugs and enhancements
* Provided test matrices to the QA Lead and management on a daily basis.

**Environment:**

Java, Selenium WebDriver, Remedy, Ranorex, Appium, Page Object Model (POM), TestNG, Cucumber, Gherkin, Maven, SOAP UI, Agile, Eclipse, XPath, Firebug, SQL, HP ALM and Windows.

**Project 4**

**Micronet TecKnicks Pvt.LTD, India Nov 2011 - July 2014**

**Test Analyst**

**Responsibilities:**

* Created Data Driven **Automation**Framework from the Scratch.
* Review & Analyze Functional Specification Requirements.
* Developed automated test scripts using Selenium and in **Java** Eclipse.
* Involved in test cases review by development team, product management and modified the test cases based on their feedback.
* Developed **ANT** based build scripts to run Selenium Automation.
* Performed **Regression** testing for new builds and every modification in the application using **Selenium WebDriver**.
* Used Firebug Tool to identify the Object's **id**, **Name**, **XPath**, link in the application
* Performed Selenium **Synchronization** using **Explicit & Implicit** waits.
* Created **test reports** generated out of **TestNG** and captured the **error** screenshots
* Found Defects, prepared **Defect Reports** and **Status Reports**, **Defect tracking** using **Rally.**
* Shared **Daily Status Reports** with all the team members, Team Leads, Managers and Clients
* Implemented Data Driven Framework with **Page** **Object** **Model** and **page** **factory** Automation framework with **Java, Selenium Web Driver, TestNG and Cucumber.**
* Wrote test cases to handle **Alerts** on the web page.
* Managed the framework dependency jars using **Maven**
* Used **Firebug** and **FirePath** for element identification while creating Page Object Repository
* Performed **cross-browser testing** over Chrome, Internet Explorer, and Mozilla Firefox and Safari browsers.
* Used **Selenium GRID** to execute test cases on multiple platforms.
* Responsible for updating and maintenance of existing selenium scripts.
* As an **e-commerce** application worked mostly testing web services testing using **SOAPUI** with **XML** web services and **SOAP**
* Involved **in Web services** testing using **SOAPUI** Tool. Validated request and response **XML**. Added assertions to validate the XML in Web services **SOAP and RESTFUL** service.
* Created positive and negative assertions based on the business requirements.
* Performed Data Driven testing using **SOAPUI**.
* Reported defects through Jira and performing **Regression** using **Groups** annotation in TestNG and **TestNG.xml** to resolve bugs fixes.
* Extensively involved in resolving bugs fixes with Development Team by having **Triage** meetings.
* Extensively worked on **Perfecto** mobile for manually testing Staples native (**Android** and **IOS**) application functionality with interruptions across various mobile devices and tablets.
* Experience in setting up the **Appium** **server**, Selenium Stand-alone server for automating the native mobile applications using the **desired** **capabilities** in selenium.
* Worked on **UI Automator** (android) and **UI Automation** (IOS) for identifying the mobile elements.
* Extensively worked on installing the **API’s** of various versions of **Android** using **SDK** manager.
* Used Jenkins as continuous integration tool to schedule and run the automated test scripts.
* Used **SVN** for Build Management for each release, QA, Integration and staging environments.
* Actively participated in daily Scrum meetings and involved in bi-weekly Sprint releases

**Environment**: Selenium WebDriver, Java, JavaScript, HTML, Junit, Jenkins, ANT, CSS, Firebug, XPath, Web Services, SOAPUI, XML, Eclipse, Jira, HP ALM, Windows, Agile Methodology.

**Project 5**

**Nipunya Medicare, India June 2009 – Oct 2011**

**QA Analyst**

**Responsibilities:**

* Creating the Test Cases based on Functional Specification.
* Executing the **Test cases**.
* Performed **Functional Testing** and **Regression Testing**.
* Preparing **bug reports**.
* Defects were tracked, reviewed, analyzed and compared using Test Director.
* Attend weekly review meetings and provide detailed report.

**Environment:** Manual Testing, Java, Oracle