**Vaidehi A**

**Professional Summary:**

* Over 8+ years of QA experience in **Manual/Automation** testing of **Web, Mobile** apps and client/Server with specializing in Software Quality Assurance Testing and QA Automation Engineer.
* Having extensive experience in writing and implementation of complex Test plans, design, Development and Execution of **Test scripts** for system and functional projects.
* Extended experience in system testing, integration testing, **UAT** testing, Performance testing, functionality testing, and regression testing.
* Experience in all phases of Software Testing Life Cycle (STLC), Software Development Life Cycle (**SDLC**), Bug life Cycle and Methods like **Waterfall** and **Agile**.
* Hands on experience in Test automation using different Automation tools/techniques, **Unit testing** by using **Selenium Web Driver/IDE/GRID**, **TestNG, Maven**, Fire Path, Running scripts, Debugging scripts in different environment, Extracting Test results, **Cross browser testing**, and data validation.
* Experience on **manual testing** and automated testing using different tools like **QTP, Selenium (RC, WebDriver, and GRID)**, **Load Runner, Quality Center**, and **Performance Center**.
* Extensively worked on **Agile** Development and management process.
* Experienced with **SOA, Web Services, SOAP, Soap UI, RESTFUL**, WSDL technologies.
* Experienced in **White Box** testing by authoring **python** Codes in **Selenium WebDriver**.
* Involved in **functional testing, black box testing**, negative testing, compatibility testing, and recovery testing.
* Created and Maintained Server side**Integration Test** using **Python** and **Selenium Web driver**.
* Experience in Back-end testing, data validation, **Database testing** using **SQL** queries.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, Rally, JIRA, IBM Clear Quest, BugZilla**.
* Proficient with **BDD** and **TDD** using **cucumber**.
* Experience in **Mobile application testing** in **agile environment** (Mobile/Tablets/Mobile Simulator).
* Performed Manual as well as Automated Testing using Testing tool**Selenium WebDriver**, **Appium**.
* Created business process model, Hybrid keyword driven, Data driven, Page object model (POM) and Automation object model (AOM) using **UFT/QTP, ALM** and other tools using dynamic descriptive programming, SORs and object repository to perform **functional** and **regression** tests.
* Experience in cross platform testing in Solaris, HP-UNIX, Linux, Windows (NT/2000/XP).
* Experience in writing and executing **SQL** queries to perform Data Validation and Back end testing of databases to check the integrity of data.
* Proactively identifying areas of obstruction/breakdowns and take steps to rectify the equipment through application of troubleshooting tools in Electrical domain.
* Used **Python** scripting language to automate few of the test cases most of the test being related to feature **ANT**.
* Sound knowledge on **Junit, TestNG** framework for Unit testing, **Maven** and **Ant** for Project building tool, **Jenkins**/Hudson for Continuous Integration.
* Configuration Management Tools **VB scripting**, IBM Rational Clear case, SVN, HARVEST.
* Extensive experience in developing **.Net framework** applications using **C#**, MVC 4.0, ASP.NET, ADO.NET,VB.Net, WSDL, Web forms, and **AJAX**.
* Created and executed automated (Coded UI) scripts in **Visual Studio** and in TFS Test Manager.
* Experience of using testing tools like **Quality Center**, Microsoft Test Manager (MTM), Visual Studio, Team Foundation Server**.**
* Experience with test automation tools like Mercury Interactive tools WINRUNNER/ **QTP**/ **Load Runner** in heterogeneous platforms.
* Experience in creating and executing very large and complex **End-to-End** Test Scripts across different application Interfaces both **Automated** and **Manual**.
* Defined and executed **Unit, Functional, Regression**, **Smoke, GUI** and Security manual testing against weekly, milestone, or on-demand (developers) build.
* Extensively worked on different **Selenium** automation frameworks.
* Ability to use current technology and tools to enhance the effectiveness of deliverables and services.
* Established and maintained good communication skills with project managers, developers, business experts and QA teams.
* Excellent interpersonal skills, proven team player with an analytical insight to problem solving and deliver under high stress environment.
* Unique ability to adapt quickly to challenges and changing environment.

***TECHNICAL SKILLS:***

|  |  |
| --- | --- |
| Browsers | Internet Explorer 6,7,8,910 and 11, Chrome, Firefox, Safari |
| Web Development Tools | XML, HTML, Ajax, Java Script, VB Script, TFS, ASP, JSP and Java Servlets, PHP, Jenkins |
| Languages | C, C#, Core Java, JavaScript, Python, VBScript |
| Web Servers / Application Servers | IBM WebSphere, BEA WebLogic, Tomcat, and IIS |
| Testing tools | Selenium (IDE, RC, Web Driver, and GRID), Quality Center, SOAP UI, TestNG, Junit, Appium, JMeter, Coded UI, log4j, cucumber, HP LoadRunner |
| Reporting tools | Jira, Bugzilla, Quality center, Rally |
| Operating Systems | Windows NT, Windows 2000 Server, Solaris, HP Unix, Linux and Citrix |
| Data Access Languages | SQL and PL/SQL. |
| Database Servers | ORACLE, SQL Server, Sybase and DB2. |
| GUI / Tools | Eclipse, Jbuilder. |
| Frameworks | Junit, TestNG, Maven, TDD, BDD |

**Education:**

**B**achelor of **E**ngineering from JNT University, Hyderabad, India

**PROFESSIONAL EXPERIENCE**

**Client: OPTUM, Basking Ridge, NJ August 2016 to Present**

**Job Title: Sr. QA Automation Engineer**

**Responsibilities:**

* Responsible for gathering Business requirements, Functional requirements and Design documents for multiple projects.
* Followed **Agile methodology**, participated in daily **SCRUM** meetings and testing each **SPRINT** deliverables.
* Involved in creation of automation frame work in **Selenium Webdriver** using behavior driven approach like **Jbehave**, **Cucumber**.
* Involved in developing the automation script for Web and Mobile Native applications (IOS, Android) using **Appium**, **Java**.
* Experienced in **Mobile Automation** testing on **Emulator** and **SimulatorIOS**, and **Android** platforms with Automation tools like **Keep it Functional** (KIF), **Appium** and reported debugs via **JIRA** to the developers.
* Developed test scripts with **Ruby**-Selenium to automate browser and web applications under **Cucumber** (**BDD**) Framework.
* Hands on Experience using **Calabash** for writing and executing automated acceptance tests for mobile apps.
* Involved in creation of Automation Test cases using **Selenium WebDriver**, **Java**, **Junit**, **Maven**.
* Used **Selenium Grid** to run test cases in multiple browsers and different Platforms.
* Responsible for implementation of **Hybrid Test Automation Framework**, **Page Object Model** using **Selenium WebDriver**, **TestNG**, **Maven** and **Java**.
* Monitor testing progress during monthly Releases and generate reports and communicate with leadership.
* Prepared test data document and Involved in generation of bug and test case execution reports.
* Strong experience with SOA architecture which include **Soap** and **Restful Web Services Testing**.
* Used **GIT** and **Stash** to re-modify files and for software development.
* Done performance testing to determine that the web application, under test will saisfy high load requirements using Jmeter.
* Designed **Python Scripts** to develop automated scripts and frameworks.
* Setup jobs in **Jenkins** to run smoke scripts after every builds.
* Used **BDD framework** with **Cucumber**, **Java** and created future files with scenario and scenario outline files.
* Involved in **SEETEST** and **integration** with **JIRA**. Responsible to record defects and reporting them to developers until they are resolved.
* Logged and managed defects using **Microsoft Test Manager**(MTM) defect management tool.
* Experienced in using load and performance testing tool **JMeter**.
* Involved in writing and executing **SQL Queries** for backend/ETL testing.
* Involved in writing automated scripts for angular JS application using **protractor** and **Java scripts**.
* Created**Functional** test cases on **Web** and **Mobile** applications (**Apple & Android**) as per requirements.
* Used web-debugging tools like **XPath**, **Firebug** and **Firepath** to locate elements.
* Developed test code in **Java** language using Eclipse IDE and **TestNG framework**.

**Environment:**: Java, Appium, Selenium Web driver, TestNG, VB.NET, SQL, JEE , JIRA, Oracle10g, Jenkins, C#, .NET, Microsoft Test Manager, JMeter, Cucumber.

**Client: Choice Hotels, Phoenix, AZJan 2016 – July 2016**

**Job Title: QA Automation Engineer**

**Responsibilities:**

* Interacted with the Business Clients, Product Owners, Developers and QA Manager for clear exposure to trickle down the technical/functional User Requirements & Change Requests to Test Plans and Test Scenarios.
* Identified test cases to automate then tested these cases using **Selenium WebDriver**, **TestNG** and **Java** technologies (Eclipse IDE). Contributed in framework creation.
* Responsible for development of various GUI Screens using**nodeJS**, **JavaScript** and **JSP.**
* Perform **Functional Testing**, Regression Testing, System Integration testing, (**UAT**) User Acceptance Testing and **End to End Testing**.
* Tested the application in highly dynamic environment with sprint team using **Agile methodology**.
* Responsible creating the functional testing framework using **TestNG** and using **Selenium WebDrive**r to automate the UI components.
* Automated the Test cases using **Selenium** for **Regression testing** and **TestNG** for grouping the tests.
* Involved in testing both **SOAP** and **REST** services using Rest Assured and tested both **XML** and **JSON** formats.
* 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 WebDriver**.
* Used **Selenium WebDriver** API to automate tests on cross browser and cross platform environment.
* 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.
* Configured **Selenium WebDriver**, **TestNG, Maven** tool and created **Selenium** automation scripts in **java** using **TestNG** prior to agile release.
* Performed **Unit testing** with **TestNG** test frame work and use Bromine for easy running the test and store the result for analysis the test.
* Developed test scripts to test the Mobile applications with **Appium WebDriver** and **TestNG** using Java.
* Used Build tool like **Maven** to generate test report.
* 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**.
* Involved in Web Services Testing using **SOAP UI**.
* Involved in writing automated scripts for **angular JS** application using **protractor** and **Java** scripts.
* Executed Test Cases recorded in **HP Quality Center** manually to test the application for its functionality, system integration and verify the Exit Criteria.
* Involved with **SDLC models waterfall** and **AGILEMethodology** projects (Scrum and XP).
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers.

**Environment:** Java, Selenium WebDriver,Appium, Jenkins, TestNG, Maven, SOAP UI, Eclipse IDE, HP Quality Center 11.0, agile, Oracle 11g and Windows.

**Client: Expedia, Springfield, MO July 2015 - Dec 2015**

**Job Title :QA Engineer (Selenium)**

* Managed large-scale data migrations, migration simulations, go-lives, functional testing, GUI testing, user acceptance testing, regression testing, compatibility testing, load testing and stakeholder communications.
* Migration engagement Project Planning and Scoping of time and estimates and forecasting for client.
* Participated in daily **Scrum** meetings, discussed with Business Analysts and Developers about requirement gaps, defects and blocking issues.
* Involved in testing different processes like data migration (master & transactional) and documented testing documents in JIRA.
* Experience in working with **JavaScript** frameworks like **Bootstrap** and **Angular JS**
* Worked with **HTML5, HTML, DHTML, CSS, JAVASCRIPT,nodeJS ,JSON** in UI pages.
* Setup the Automation framework using **Selenium WebDriver** to run test cases in multiple browsers and platforms.
* Created Java based scripts for **Selenium Web Driver** with **JUnit** as automation frame work.
* Worked on acceptance testing using **Selenium WebDriver**.
* Developed test automation frameworks such as **Data Driven, Keyword Driven and Hybrid** using Selenium WebDriver, TestNG and Maven.
* Involved in the Data migration and validation tasks
* Created automation scripts in **SoapUI tool Groovy Script** for web services testing and to test **SOA** based architecture application to test **SOAP services** and **REST API**.
* Performed testing on **REST** based web services testing using **SoapUI, POSTMAN**.
* **SoapUI-Pro** Application was used to do **black box testing** to call interfaces on SOAP based and RESTful Web Services.
* Executed **SoapUI** for preliminary **smoke-test** to validate the build.
* Used **Selenium WebDriver** for writing test scripts for regression test coverage.
* Extended **TestNG** framework by adding some helper classes and methods.
* Involved in creating automation test suites for progression & regression testing in **SoapUI.**
* Validated request and response **XML/ JSON**. Added assertions to validate the XML/ JSON in **Web services SOAP** and **RESTFUL service.**
* Performed **GET** and **POST** requests in Ajax of XML, JSON using **JavaScript, JQuery**.
* Analyzed the **Log files** to verify the processes for debugging and or test data verification purposes.
* Contributed to the Continuous Integration pipeline running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running automated and manual functional tests.
* Used **Firebug/Fire Path** Add-on tools to identify the Object's id, Name, Xpath, link in the application. Used **ALM** and **JIRA** for tracking, analyzing and documenting defects.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML IDs** and **XPath in Selenium**.
* Prepared user documentation with screenshots for **UAT (User Acceptance testing)**.
* Involved in setting up continuous integration system using **Jenkins** and working knowledge with cloud based code repository system like **GitHub**.
* Conducted **backend testing** using SQL queries to validate data for database.
* Preparation of Daily and Weekly status reports. Attending weekly defect report meetings and presented progress updates.

**Environment: ­-**Java, Java Script, Selenium WebDriver, Selenium Grid, REST, TestNG, Maven, Jenkins, SOAPUI, JQuery, Eclipse, Firebug, Firepath, Postman, XML, DOM, GIT, Jira, ALM, Internet Explorer, Chrome, Firefox, SQL and Windows.

**Client:  UIC/DSCC , Springfield, Illinois Oct 2014 – June 2015**

**Role: QA Engineer**

**Responsibilities:**

* Involved in testing of application using the **Scrum (Agile**) methodology.
* Used **Firebug** and **Fire path** for identifying the web elements uniquely in the web page.
* Developed automation test scripts using **Selenium WebDriver** and **Java**.
* Reviewed Functional Requirement Specifications and created test cases based on test scenarios drawn from functional requirements using Test Director.
* Developed and executed SQL queries for **backend testing**.
* Responsible for **smoke testing**, **UAT testing**.
* Implemented **Core Java and Object-Oriented concepts.**
* Handled the special **mouse events** and selected the options from the **drop-down** menu using Selenium Actions builder, mouse hover and **synchronization**.
* Generated Reports and Documentation.
* Tested the various **Service Oriented Architectures (SOA)** spanning across various web services using **SOAP and WSDL** across various applications using **SOAPUI**.
* Used parameters, data provider **TestNG** annotations to perform regression and functional testing.
* Used **Actions and Action** classes for performing **Keyboard and Mouse** events.
* Designed **data-driven testing framework** in **Selenium** and captured data dynamically from web controls.
* Used Hybrid which is a combination of both Keyword and **Data Driven Framework** to extract data from external Excel files using **Apache POI** and load into the variables in the scripted code.
* Interacted with business people and developers to exchange the updated status and interacted with developers to resolve technical issues.
* Implemented **Page FactoryModel** in the **data-driven framework.**
* Designed and Developed test automation Artifacts (scripts, functions, scenarios, processes) for simple to complex automated testing situations using various tools **like Selenium, TestNG** and **XPath**.
* Developed Selenium scripts to get the data from the webpage by using the methods like **getUrl, getTitle, getAttribute.**
* Reported daily status of data creation and sent weekly status **reports**.
* Execution of QA and Testing processes, and plans, bug documentation and bug tracking and used Requirement management and bug tracking testing tools like **Quality Center**.
* Used **SVN** as a source repository system to share code within the office as well as team overseas.
* Involved in writing Test plan and performing Manual Testing.
* Executed the manual testing process of **Positive Testing and Negative Testing, Integration Testing.**

**Environment:** Selenium WebDriver, Eclipse, Java, TestNG, tCSS, Cucumber, SQL, Html, MS-Excel, Jenkins, SVN, Log4j.

**Client: Value Labs, India Aug 2012 - July 2014**

**Job Title: Software Engineer**

**Responsibilities:**

* Prepared various reports based on different stages of Testing.
* Involved in identyfying of the manual test cases for automation.
* Involved in preparing Test data based on business functions.
* Executing Test Scripts in **Selenium WebDriver** for **Regression Testing** and analyzing the Test results.
* Involved in writing the test cases test data and test scripts.
* Developed project in Eclipse IDE.
* Involved in updating and executing test cases per requirements.
* Identified the Test Cases and documented them in **Quality Center**.
* Updated **Reports and dashboards** to display the status of test coverage including the number of test cases passing, failing or pending.
* Involved in Managerial Meetings and attended various conference calls at different levels from QA, Developers and Clients.
* Written **SQL Queries** on Oracle database.
* Worked as a **Quality Center** support to ensure efficient services to the team and the client.
* Entered defect in **Quality Center** and conduct regression testing after fixing the defect.
* Performed data driven testing by using **JDBC** as a data source & configured **SQL** queries to fetch data from the Oracle database.
* Proficient in Functional Testing Tool Quick Test Professional (**QTP/UFT**) and the various **frameworks** in QTP/UFT.
* Worked on Functional testing, Smoke Testing, Adhoc Testing, Regression Testing, Component Testing and Browser Compatibility testing. As a Regression POC, I have maintained the Regression scripts for the whole application by updating the scripts, adding new scripts and executing the scripts.
* Involved across the full test lifecycle including planning, design, execution and reporting of tests, using appropriate testing tools and techniques and conforming to agreed processes.
* Performed all phases of end-to-end testing which includes **Acceptance testing, Functionality testing**, and **Smoke testing** of the Application, its interfaces and Client-Server Utilities.
* Followed Unified Modeling Language (UML) methodology using Requisite Pro and Rational Rose to create/maintain: Use Cases, Activity Diagrams, Sequence Diagrams, and Collaboration Diagrams.
* Provided daily and weekly reports to project manager and team leaders.

**Environment: -** Selenium WebDriver, Jenkins, Maven, TestNG, Quality Center, Firepath, Firebug, Eclipse, XPATH, Java, HTML, CSS, HP QTP, MS SQL Server, and Windows.

**Client: Apollo HealthCare, India Jun 2009 - July 2012**

**Job Title :Software Engineer**

**Responsibilities:**

* Involved in the full testing Life-Cycle from analyzing business requirements to testing phase
* Well-versed with all stages of Software Development Life Cycle **(SDLC)** and Software Testing Life Cycle **(STLC)**
* Developed Test Strategies, **Test plans**, **Test Cases,** steps, scenarios, **RTM** (Requirements Traceability Matrix), execution and Summary reports
* Conducted the Functional, System, Integration, Regression, UAT and Sanity testing.
* Tracked all the issues using HP Quality Center and made sure that all the issues were fixed and resolved before the application went into production.
* Identified defects and interacted with developers to resolve them and provided full support to the Test team.
* Coordinated defects with **Business/SMEs/Development** team for clarifications, testing status and defect tracking.
* Prepared Status Summary Reports with details of executed, passed and failed test cases. Also involved in ST Entry and Exit criteria reports.
* Helped the Business Users in performing the UAT by providing the test cases, issue log templates and providing the test data.
* Prepared Testing data table using **SQL Queries** for validating the update on database upon execution.
* Escalated issues, risks, blocking defects, design questions/clarifications in person to all relevant parties immediately and constantly work on resolution.
* Sent testing progress report and detail status to the Resource Manager and Project Manager on regular basis.
* Participated in regular project status meetings related to testing phases.

**Environment:** HP-Quality Center, SQL, SQL Server, Windows XP, Internet Explorer, Chrome, MS office.