**Gayatri B**

978-944-3363

**Summary:**

* Around **9 years** of experience in IT, extended expertise in **QA** and Automated Software Testing using **SOAP UI**, **Quality Center** and **Selenium.**
* Hands on experience in Quality Assurance including **Functional, System, Smoke, Regression Integration**, User Acceptance Test **(UAT)** and **Compatibility Testing** of Web and Client server based Applications.
* Experience in various financial domains. Good knowledge on Banking, Retail, Insurance, Healthcare & Mobile Apps (Android, IOS).
* Currently working as **Test Automation Architect/SR SDET** in an open source **DevOps** environment using **C#** and **selenium**in an **AWS**, **Dockers**,**Golang, Containers**, **Kubernetes**, **Node Js**, **Angular**, **Ansible, Jenkins**, **GIT**,**JIRA**and**Linux**enviornment
* Experience in **Software Development Life Cycle** and **QA Life Cycle** like **Agile** (Scrum), **Waterfall** and V-model.
* Experienced in complete Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and Bug Life Cycle, SDET.
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid, QTP and Mercury Quality Center** to develop automation testing scripts for web and client server applications.
* Experienced in performing Back end testing by executing complex SQL queries for validating the data in the back-end database tables.
* Experienced in load and performance testing tool **JMeter**.
* Involved in **XML** and XML schema validation with XSLT, CSS and XSD.
* Used **SOAPUI** for **WSDL** **Validation**. Used different **Assertions** for validating responses.
* Extensively made use of **Property Transfer** and **Data Driven** in **SOAPUI**.
* Experience in working with Build Systems like **Ant**, **Maven** and continuous integration systems like **Jenkins**, **Hudson**, **Team City**, and **Cruise Control**.
* Good experience in mobile testing using **Appium** in both IOS and Android applications using **simulator** and **emulator**
* Integrated Jenkins with various DevOps tools such as Puppet, HP ALM and HP QTP etc.
* Expertise in Automation tool (QTP/UFT) and **selenium IDE**.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Vast experience in ALM and VersionOne.
* Involved in DevOps migration/automation processes for build and deploy systems.
* Expertise in designing Automation Frameworks like **TDD** and **BDD.**
* Expertise in writing **Test strategy**, **Test Plan Preparation** and Implementation of **Test Case** Design, Test Tool usage, Test execution, Defect Management and Defect Tracking.
* Adept in identifying Test Scenario’s and Writing Test Cases by applying Test Case Design Techniques.
* Excellent knowledge in writing unique **XPath** using **firebug** and **fire path** to identify **web elements**.
* Working experience with defect tracking tools like **Clear Quest, Jira, and Test Director/Quality Center (QC) and Team Foundation Server**.
* Experience programming in **Java**, **Python**, **JavaScript**, **HTML**, **XML** and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.
* Proficient with basic Unix commands / shell scripting.
* Extensively worked on various Testing types such as **Integration**, System, **Functional**, **Regression**, **Sanity**, **Smoke**, User-interface (GUI), **Data base** and **User Acceptance Testing** (UAT), **Performance Testing**.
* Well-developed Interpersonal and Communication skills with excellent Documentation and Presentation skills. Good team player with ability to grasp new concepts quickly and implement them in a productive manner.
* Expertise in performing **manual testing** & **Mobile Application Testing** using **Appium**.

**Technical Skills:**

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| **Testing tools** | Selenium WebDriver, HP QC/ALM, Junit, TestNG, **Kubernetes,** JIRA, SOAP UI, QTP, Eclipse, Protractor,Dockers, Manual Testing, Appium (Android Testing), JMeter, Cucumber, VS Online, HP Load Runner |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP. |
| **Defect Tracking Tools** | Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), Rational Clear quest. |
| **Languages** | C, C++, Java, C#, SQL, PL/SQL, Python, UML. |
| **Project Management** | Microsoft Project, Microsoft Office (Word, Excel), Microsoft PowerPoint, MS Access, Agile & Waterfall |
| **Browsers** | Internet Explorer, Firefox, Chrome & Safari |
| **Operating Systems** | Windows XP, 7, 8 & server 2003, UNIX and Linux,AWS |
| **Mobile Manual Testing** | Android, iOS. |
| **Scripting Languages** | VB Script, Java Script, UNIX Basics |
| **Other Tools** | SVN, VSS, Deep Trawl, Firebug, RoboForm, Teamsite, Jenkins, Toad Oracle 12.5, WinSCP. |

**Education:**

* Bachelor’s in Computer science, Hyderabad, India.

**Professional Experience:**

**Wells Fargo - Charlotte, NC Jul 2018 to Till Date QA Automation Engineer**

**Responsibilities:**

* Focused on continuous improvement by actively participating in the formation of new agile processes which improved team processes, delivery overhead, and governance from shared service partners.
* Gained knowledge in **CEN/XFS standards, Angular JS, HTML/CSS/LESS, Oracle SQL and Java** through effective pairing in discovery, design, development, testing and release tasks.
* Experience in automating test cases using **TestNG, Junit and Cucumber** QUnit, NUnit, TFS Coded UI scripting and execution
* Assisted Manager by providing automation strategies,**Selenium/Cucumber Automation and JIRA reports.**
* Developed BDD tests using Cucumber by writing behaviors and step definitions
* Developed required Selenium support code in JAVA for**Cucumber.**
* **Experience with Mobile Automation Tool Device Anywhere and Appium automation framework and knowledge perfecto mobile**
* Implemented mobile automation frameworks using Appium.
* Performed the Testing on the various mobile devices with a various platform (iOS, Android)
* Test web services using CA Lisa automated scripts.
* Familiarity with Service Virtualization using LiSA/DevTest
* Designed, executed and maintained **Selenium Web Driver** (TestNg, JUnit) automated test cases for regression test cases
* Selected the Test Cases to be automated and performed functional testing of the front-end using Selenium (IDE and Web Driver) & created Data Driven framework using JUnit.
* Executed parallel browser testing on various machines using Selenium Grid and performed cross browser testing.
* Helped create scalable solutions, through use of a semi-structured approach to design, develop, and validate product user stories *(problem solving and design templates)*
* Helped to create a NEXUS and Jenkins delivery pipeline which reduced risk and increased speed of deployment to lower environments.
* I effectively demonstrated sprint product increment to a large, diverse stakeholder audience through strong verbal communication.
* Reduced delivery overhead through automation of multiple backend **SOAP/REST** endpoints using tools like **POSTMAN/SOAPUI**.
* Used **JMeter** to simulate java request load on a backend Application.
* I helped produce a proposal for full automation, including justification, and software RFPs.
* Engaged with our product owner, end-users, enterprise shared service providers, Digital Banking team, and other control partners to help articulate and prioritize the backlog of work.
* Ideated and generated metrics which enabled team and product owner to verify success of changes.
* Helped stand up an effective operational support team, while still providing effective level 2 production support.
* Actively participated in reduction of  technical debt and improvement of product stability which were key drivers for increased satisfaction and utilization (~20% increase in kiosk availability, 99% reduction in freezing, 100% of all 'very high' and 'high' security flaws eliminated, expansion to 65+ branches since inception, reduction in banker involvement by ~40% )
* Increased stability of product through redesign of a critical core notification component.
* Scripting technologies such as AJAX, ASP.NET AJAX, JavaScript, JQuery, JSON, etc
* Used **HP Service Manager/ServiceNow** to articulate, coordinate, and gain approval for complex changes.  You used effective communication to present these changes to an enterprise change board.
* Skilled in creating and structuring test data in disparate systems which supported rapid, incremental development within two-week sprints.
* Learned best design and development practices for a MVC architecture which depends on a physical kiosk.
* Delivered most complex release while transitioning to a fully work-from-home model dictated by the COVID-19 pandemic.

**Environment**: Share Point*,Dockers,* Java, Appium IOS/Android, **Kubernetes,**SoapUI, Postman, Selenium IDE, Selenium Web Driver, Jenkins, VB Script, VMWare, Eclipse, Firebug, Cucumber, JIRA, JavaScript, ServiceNow, Eclipse, Python, Android, TKO Lisa, Quality Center, JMeter, ALM 12 and Toad Oracle 12.5.

**PAREXEL International – India Sep 2016 to Jan 2018 QA Automation Engineer**

**Responsibilities:**

* Good experience in working on **Agile**, **Scrum** methodologies.
* Performed functional testing on Patron reports and report generator.
* Performed stress test on data migration from Titanium to **SQL** database.
* Extensively used User Agent add-on Firefox to locate web based mobile application elements.
* Implemented Recovery Scenario to handle unexpected events or errors.
* Implemented **SOAP UI** for Web Service Testing.
* Developed **Data Driven** Tests using **SOAP UI** and **Automated** functional testing.
* Did performance testing to ascertain how the components of a system are performing, given a particular situation.
* Used Maven as the build tool, **GIT** for version control, Jenkins for Continuous Integration and **JIRA** as a defect tracking tool.
* Involved in Mobile Testing includes App Testing for **Android** and **iOS** devices using **Appium**.
* Created Emulators using Android **SDK** and Simulator using **XCode** for step by step debugging.
* Performed load testing to expose the defects in application related to buffer overflow, memory leaks and mismanagement of memory.
* Integrate with the Motors CI pipeline for firmware/software build and test deployment
* Implement test automation framework into **CI/CD**pipeline using **TFS**and **TeamCity**
* Coordinate with board-level test, software-level test, manufacturing, and development teams to integrate CI pipeline, web tools and Python packages
* Contribute to the automation using test automation environment leveraging virtualization, Java, Python, and 3rd party tools
* Worked on **TFS** (TeamFoundation Server) for accessing code.
* Developed Fixtures Wiki pages using automated scripts in **C#** for native app in Mobile Testing using **FITNESSE** tool.
* Experience in performance testing tools- HP LoadRunner, Apache **JMeter.**
* Implemented open source web test tool **Selenium WebDriver** for cross browser and cross platform web testing.
* Used **Selenium WebDriver** to test search results of Meta search engine.
* Tested large volume databases by using stored procedures.
* Responsible for documenting the Automated Test results using **SOAP UI** and **QTP**.
* Performed automation testing on X View applications.

**Environment:** QTP10, SOAP UI, Quality Center 10, Appium, Selenium, SQL, Oracle, TOAD, UNIX, MS Office, HTML, JMeter, Windows XP/Vista, Internet Explorer 7.0.

**Symmetric Solutions - India Jan 2015 to Aug 2016**

**Selenium Automation Tester**

**Responsibilities:**

* Developed detailed Test Plan, Test Case Documents based on the FRD and BRD Setup/Installed and Configured **Selenium IDE**, **Selenium Web Driver** and **Selenium RC server.**
* Setup and Configured the testing environment with **Eclipse, Selenium RC server** and **Selenium Java client driver**.
* 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**, **TestNG** and **Jenkins**.
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language and Junit Framework**.
* Test Case creation using **Descriptive Programming** in Automation tool **Quick Test Pro** checked the functionality of the application.
* Design and document REST/HTTP, SOAP APIs, including JSON data formats and API versioning strategy.
* Performed REST API testing by Soap UI
* Good scripting experience in VB Script and QTP framework using HP/Mercury Quick Test Professional.
* Reviewed test plans, test cases and test scripts to ensure consistency with strategic direction, goals and objectives of QA resources working on the project with **Agile SCRUM** methodology.
* Implemented Page Object Model Automation framework with **Java, Selenium WebDriver** and **Cucumber.**
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Worked as automated tester and Analyzed Business and Functional requirements of the application and worked with Business users to understand project requirements and to figure out the scope of test strategy.
* Created **Recovery Files using Recovery Scenario Manager** associated the recovery scenarios to tests to instruct QTP with specified trigger action on unexpected event.
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements.
* Participated in peer reviews of functional specification, application previews, and test plans/test cases.
* Responsible for entering, Tracking bugs in **Quality Center/ ALM** to resolve bugs. Involved in verification of fixed bugs using and generated weekly quality progress reports
* **Used SOAPUI** for **WSDL Validation**. Used different **Assertions** for validating responses
* Extensively made use of **Property Transfer** and **Data Driven** in **SOAPUI**
* Prepared and maintained various testing results for defect tracking and modification in software.
* Maintained the automation scripts for enhancements and modifications to perform regression testing.

**Environment: Java**, Junit4.7, **QTP 10.0**, HP quality center 10.0, SoapUI 4.0.1, Web logic server, UNIX, **XML**, **HTML**, SQL, **Selenium Web Driver**, Jenkins, **Cucumber**, VB Script, SOAP UI, JMeter, Eclipse, XPATH, Java, Windows.

**Codit Solutions - India Jul 2011 to Dec 2014 Test Analyst**

**Responsibilities:**

* Gathered, analyzed, business requirements, user profile, created workflow processes documentation & charts.
* Manual testing, automation using QTP (using both record & play and writing VB Script codes in the Export mode), QC for defect management.
* Developed Test Plans, Test Cases, Test Scripts, Test Scenarios, Test Data and Traceability Matrix.
* Developed and Implemented Test suites, which include features like Data Driven Framework for automated scripts using **QTP**.
* Involved in analyzing the Functional Requirement Documents (FRD).
* Participated in **Agile** team with daily scrum meetings and sprint planning meetings
* Involved in the development of test strategy, test plans and test cases based on the application requirement documents.
* Developed the Test cases to evaluate the secured information of web based user authenticated applications.
* Validated the transformation logics as per requirement using DB2 queries
* Implemented **Smoke** and sanity testing on every developed test case.
* Flow of application is tested by implementing the Integration testing.
* Executed Retesting testing and Regression testing for every modified code of product to fix the defects and an End-to-End testing is performed on various platforms with various browsers.
* Debugged the test scripts, created batch tests, verified the test results and reported the defects using **HP ALM**.
* Planned, Designed, Developed and executed User Acceptance Testing (UAT) test cases.
* Performed Database Testing using SQL scripts to compare UI results and quality of data with the DB.
* Involved in code review meetings and weekly walkthrough to verify the status of the application testing and discuss the defects.
* Created and maintained dashboards to present the program status and risks.

**Environment:** QTP,Manual Testing, Windows, XML, HP ALM/Quality Centre, Java, DB2, ETL testing.