**Ravi**

[raviqatl@gmail.com-](mailto:raviqatl@gmail.com-) **(972) 885 - 9599**

**QA AUTOMATION ENGINEER**

**Professional Summary**

* Over 8 years of diversified experience in the field of Software Testing with good exposure to Quality Assurance and Testing Process along with Automation Tools.
* Worked in multiple domains like **Finance, Health Care, Insurance and Telecom Domains**.
* Expertise in designing Automation Frameworks.
* Good Expert in writing Test Strategy, Test Plan Preparation and Implementation, Test Case Design, Test Tool Usage, Test Execution, Defect Management and Defect Tracking.
* Expert in developing Java Selenium **Web Driver/RC/IDE/GRID** test scripts using **Java, JavaScript** and Test Frame works using **Test NG/ Junit** andbuild tools **JENKINS/ANT/MAVEN.**
* Performed cross browser testing by using **Selenium Grid** on multiple browsers and on different platforms.
* Experienced in providing the efficient locators strategy like **Xpath** and **CSS** to run Webdriver script in stable condition.
* Hands on Experience of Mobile Apps testing using mobile automation testing tools **Appium, Calabash.**
* Expertise of testing the applications developed using various mobile technologies including J2ME, Blackberry, Android, Symbian, .Net technology etc.,
* Experienced in the **Continuous Integration** using **Jenkins** for automation framework**.**
* Extensive knowledge in **Protractor framework** for Applications developed with **Angular JS**.
* Specialized in **Performance Testing** applications using load-testing tool **Load Runner**.
* Expert in preparing **Traceability Matrix** to map requirements coverage with test cases.
* Experience in manual testing and automated testing using different tools like **QTP, Selenium (RC, Web Driver and Grid)** using Java.
* Knowledge and familiarity with different QTP and Selenium automation frameworks.
* Knowledge on Automated Web Services using **Soap UI, REST** with knowledge of **WSDL, RESTful, UDDI, eclipse.**
* Expertise in using **UI Automaton** viewer to **inspect elements in mobile applications**.
* Experienced in creating Automation on **Coded UI** test project using **Visual Basic** or **Visual studio**.
* Excellent Knowledge of **Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC**) and testing methodologies like **Waterfall & Agile/Scrum**.
* Good experience in writing and implementation of complex **test plans**, design, development and execution of **test scripts** for **system, integration,** user acceptance tes**t (UAT)** and **Regression testing**.
* Expertise in **Manual Testing,** defining **test cases**, developing and maintaining **test cases**, and documenting all phases of the QA process.
* Hands on experience in Test Driven Development **(TDD),** Behavior Driven Development**(BDD)** and Acceptance Test Driven Development (**ATDD)** approaches.
* Developed automated scripts and frame works using **Java, Python, C#, VB Script**.
* Extensively worked on data warehousing and decision support systems with relational databases such as Oracle design and database development using **SQL, PL/SQL, SQL PLUS and TOAD**.
* Good Understanding of IT Service Management (ITSM) and the ITIL business process along with maintenance of service level agreement (SLA) and monitor an SLA workflow.
* Usage of scripting tools and Service Now functionality to create script to automate routine tasks being done in Service Now.
* Worked on source version control tools such as Subversion **SVN**, **TFS** and **Git**.
* Extensive experience in Setting up Application Tier, Build Controllers, Build Agents in Team foundation Server **(TFS**) 2010, 2012, 2013 and 2015.
* Experienced in configuration management using Visual Studio Team System (VSTS), Team Foundation Server **(TSS), VSS** and Subversion.
* Experience in setting up and carrying out **browser compatibility** testing environment with different browsers and versions of **Internet Explorer, Mozilla Firefox, Google chrome** on different OS like **Windows, Unix, Linux and MAC**.
* Certifying and Sign Off of products and ensuring quality of products and projects to verify whether QA Entrance and Exit criteria are met.
* Proficient in analyzing system Requirements, Use Cases and other documents to gain overall understanding of the applications to determine the appropriate level of testing required and creating Test Plans / Test Strategy and Test cases based on requirements.
* Proficient in **Bug Severity analysis, Bug tracking system and Bug Reporting**,Can prioritize issues on the basis of important, urgent and hot fixes and Proficient in Tracking and Reporting defects using Industry and Internal tracking tools like **Quality Center, Jira and Bugzilla.**
* Sound knowledge on **Object Oriented Programming (OOPS**) concepts, Extensively used Java for test case automation.
* Solid **SQL** skills, can write complex **SQL queries: functions, triggers and stored procedures for Backend testing and End-to-End testing.**
* Excellent Analytical and Problem Solving skills.
* Quick Learner and Self Starter, strong organizational and multi-tasking skills.
* Open to dynamic work environment and ability to work collaboratively with cross-functional teams.
* Demonstrated initiative, innovation, flexibility and ability to manage workload achieving desired results within the time frame.

**Technical Skills:**

|  |  |
| --- | --- |
| Testing Methods | Functional, Regression, Performance, Smoke, System and Integration Testing |
| Testing tools | Selenium Suite (Selenium IDE, WebDriver, RC, Grid), SOAP UI, QTP, Eclipse, Protractor, Cucumber, Appium (ios/Android), Cucumber, JMeter, Load Runner |
| Testing Framework | TestNG, Junit |
| Test Management Tools | HP Quality Center/ALM, JIRA, Bugzilla, Rally, Microsoft Test Manager |
| Web Technologies | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP, JavaScript. |
| Defect Tracking Tools | Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), Rational Clear quest, Service Now. |
| Programming Languages | Java, C#, SQL, PL/SQL, Python, UML, Java Script, C, C++ |
| Project Management | Microsoft Office (Word, Excel, PowerPoint), Microsoft Project, Agile & Waterfall methodologies |
| Databases | Oracle 11g/10g, SQL Server |
| Browsers | Internet Explorer, Firefox, Chrome, Opera & Safari |
| Operating Systems | Windows XP, 7, 8 & server 2003, UNIX, Linux and Mac OS |
| Mobile Manual Testing | Android, iOS. |
| Other tools/ Applications | IBM WebSphere v7/v6/v5. TFS, SharePoint, VMware, Rapid SQL, Visual Studio, Putty, SOA, Jenkins, ANT, Maven, Git, Svn, Crucible. |

**PROFESSIONAL EXPERIENCE:**

**Spectrum VOIP, Irving, Tx February 2016 to Present**

**Role: Senior QA Automation and Manual Testing Engineer**

A supply chain management and consulting business focused on freight management, operational efficiencies and technology. It uses proprietary software to streamline operations.

**Project Description**:

This website is designed to bring new, revenue-generating serives to market faster, easier and at a lower cost. The serivce is open, scalable and flexible reference architecture. Customers can log on, pay bills, shop for plans and phones, and manage their accounts.

**Responsibilities:**

* Analyzed the user requirements, functional specifications and used Case documents for Functional testing.
* Developed and implemented **robust MVC pattern** base testing with **Selenium RC** which cut down the script development time in half.
* Involved in automating test cases using **Selenium RC with Junit.**
* Wrote and executed automated test cases using **Selenium RC** to automate manual testing solutions.
* Used **Selenium RC** used to test search results of Meta search engine.
* Reviewed Specified Business Documents and prepared Test Cases using Quality Center based on the requirements.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Verification of Frontend GUI Objects and elements.
* Developed automated script for back-end testing using **Selenium RC.**
* Worked as a quality assurance lead on enterprise web application projects for marketing, lead generation and Revenue optimization.
* Worked as **QA** for performing API launches, white box testing, data testing
* **Involved in the everyday publisher support, client support, exception tracking, site monitoring.**
* Worked on projects mobilizing efforts involving multiple teams.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Created Data Driven scripts for adding multiple customers, checking online accounts, user interface validations, reports management, etc.
* Created Automation test framework using **Selenium WebDriver.**
* Used **Firebug** Tool to identify the Object’s id, Name, **XPath**, link in the application.
* Exported Test case Scripts **(Java-Selenium WebDriver)** in **Eclipse IDE** and modified the selenium scripts and executed. Prepared automation test framework (**Junit).**
* Developed **Test Framework** in **Selenium for UI Regression Test Automation** and when necessary, and potentially execute **Unit Test** automation (**Java/Junit**).
* Created **Keyword-Driven Automated Frameworks** using **Selenium WebDriver** configured under Eclipse, **Junit** environment.
* Performed different testing task using various **test scripts** on **Selenium WebDriver** and **Junit**.
* **Performed test planning and release coordination**.
* Involved the quality assurance activities of enterprise website launch, publisher launch, client launch, carrier launches.
* Extensive experience in using the **QA tools** like Win runner, Load runner, Selenium IDE

Grinder, Quick Test Pro, Quality Center/Test Director, Bugzilla and Team Track.

* Analyzed system requirements and functional requirement/documents.
* Created **Test Plans and Test Cases**.
* Solid experience in conducting functionality, regression, performance, load testing during the various phases of the product development using **automation & manual testing** methodologies.
* Involved in Back End testing by extracting flat files from server, which were generated by Batch process to verify Data against Expected results.
* Proficient in writing **SQL** queries to test the Oracle database and making validations.
* Worked with business and technical SMEs for validating the scripts.
* Developed test harness for **WebServices** automated testing by means of **SOAP UI** and **ANT**.
* Responsible for **Unit Test plan**/specifications with documented test results.
* Identifying and submitting **BUG’s** to development for resolution.
* Conducted/Involved in the review meetings and walkthroughs to discuss the status of the project.
* Presented the project status/results on daily and weekly basis in the Project Meetings
* Maintained **Test Matrix** and **Project Matrix** using an excel sheet to keep track of the Project's schedule and status.
* Familiarity with UAT for making website more user-friendly and for web-applications.
* Involved in writing **SQL** Queries for backend testing
* Knowledge of writing **Junit** tests using Junit framework.
* Coordinated with developers and record defects in **JIRA** to track until they are resolved.
* Extensively tested customer’s payments are sent directly to your commercial bank account using the latest security technology.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole.

**Environment:** Selenium IDE, Selenium RC, Selenium Webdriver, Java, Junit, SQL, DHTML, Jira, VBScript, JSP, HTML, JBoss, Oracle DB (10.x, 11.x), Perforce, Grinder, Jmeter, Quick Test Pro, Quality Center/Test Director, Bugzilla, Team Track, Star Team, MSWord, MS Excel, UNIX, Windows

**Kohl’s Digital, Milpitas, CA Jan 2015 – Jan 2016**

**Role: Quality Assurance Lead**

**Kohl’s** is one of the largest retail stores across USA. KOHL’s ecommerce system was Blue Martini and it is transformed to **ATG**. KOHL’s wanted to scale large their Ecommerce system and hence chose Oracle ATG Web commerce as their new platform. I am Lead QA in

* Web Application Testing for complex projects which involved in Omni Channel Experience in Mobile, Kiosk, Tablet and Web store.
* Web services validation for SOAP and REST services.
* Digital Kohl’s cash project for digitalizing kohl’s cash and improving security and performance of services.
* Returns Kohl’s cash project with Omni channel testing which included 30 systems.
* Web Responsive Kiosk Project, which is web version of Kohls.com in Kiosk.
* ATG Application validation BCC, CSC.
* Order Fulfillment lifecycle(OMS, Settlement Validation)
* In sprint automation of Regression suite.
* Test Data Management for all the project requirements**.**

**Responsibilities:**

* Attend design sessions with the team to analyze business requirements and create User Stories.
* Interact with Business Analysts and Development team on understanding system requirements
* Participate in daily scrum meetings, **Retrospectives**, **Sprint Planning**, **Story Walkthrough** and **Backlog Grooming sessions**.
* Ensure Quality Assurance in the **End to End flow**.
* Design test strategy and test cases to cover all requirements on multiple User Stories.
* Prepare test data for functional & Integration testing.
* Prepare and presented the test cases to the project team for their feedback and sign-off.
* Execute test cases and performed **Functional, Regression, System, Negative, GUI, and UAT testing on Desktop, Tablets and Mobile**.
* Effectively communicate the Defects to the developers and logged defects in **JIRA**.
* Validate bug fixes and thoroughly regressed all functionalities impacted.
* Identify the automation feasible test cases, designed and developed the Test scripts in **Java** using **TestNG** framework and **Selenium Web driver** as Automation Tool.
* Created the framework implementation from the scratch developing the user defined libraries and functions.
* Triggering and maintaining the daily builds for automation test scripts on **Jenkins** to enable to the **automated testing** capabilities and ensure that the test results are updated to JIRA.
* Perform the **back-end testing** to ensure data consistency on front-end by writing and executing SQL queries on the database.
* Perform **compatibility test** using different browsers, tablets and mobile.
* Monitoring the job streams in **Jenkins** and **Qubell**
* Submit daily **EOD test status report** to the project team to communicate the progress of testing.
* Coordinate with both **onsite and offshore** on daily execution tasks and monitor the team effort.

**Environment:** Oracle 11g , Informatica, ATG applications, XML, REST , JIRA, QC, Jenkins, Qubell, Selenium, Java, JBehave

**JPMorgan Chase - Wilmington, DE**  **Dec 2013 – Dec 2014 Role: QA Engineer**

The new platform is a full replacement of the current systems and will be implemented in multiple phases. The present system employs a procedure that requires a minimum of 45 days to move a loan from 'Application Received' status to 'Closed' status and make them eligible for sale to the various federal agencies (Freddie Mac, Fannie Mae, and Ginnie Mae). The new system when once fully implemented will do the same in 15 days, and give Chase Home Lending a considerable competitive advantage over other entities in the Home Lending/Mortgage Banking sector. Phase 1 was a pilot of the new platform and process and subsequent phases will include a gradual roll out of both CD and Retail Loan Origination system.

**Responsibilities:**

* Reviewed Functional Requirement Specifications and created test cases based on test scenarios drawn from functional requirements
* Worked closely with the Engineers, Developers, & Project Managers to get updates and resolve defects
* Developed Test plans, Test cases, Test Scripts, Test strategy, Test Scenario, Test Reports
* Recorded test scripts using **Selenium IDE.**
* Enhanced and organized **Selenium scripts into a test framework using Selenium RC**.
* Performed the testing of web methods in JUnit testing framework using **Selenium TestNG**.
* Involved in creation of automation framework using selenium and **TestNG**.
* Used FireBug to identify **XPath and CSS Selectors** for identification.
* Ran **Selenium RC scripts using Selenium Grid** to run tests parallel and for cross browser/platform testing.
* Extensively used **TestNG** as the framework to run Selenium tests.
* Converted the Test Cases **into TestNG Test Cases and compiled the java code** along with the test data in the eclipse IDE, complied the code and corrected compilation errors
* Used **TestNG** assertions to validate Selenium tests.
* Tested **SOAP** based **Web Services** using **soapUI** tool.
* Created test cases using **WSDL in soapUI tool and parameterized the tests using properties files.**
* Extensively performed **XPath** assertions in soapUI test cases to validate the test cases.
* Used **SQL** for data integrity testing, captured the SQL statements from the application execution and manually checked the results.
* Reported defects using **JIRA** and interacted with developers to resolve any defects/issues.
* Sent the reports to all team members with Daily Status, to track the updates in Testing.
* Verification of mortgage payments using **POS/ATM** using **ISO 8583** based payment switch.

**Environment:** Java, JUnit, JIRA, Oracle 10g, soapUI, Selenium IDE, Selenium RC, Selenium Grid, JIRA, Unix, SQL

**Priority Health, Grand Rapids, MI Nov 2012 – Nov 2013**

**Role: QA Automation and Manual Testing Engineer**

Priority Health is the first health plan in Michigan to offer holistic care and traditional coverage all in one plan.

**Responsibilities:**

* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans Performed functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver.**
* Involved in implementation of Test Automation Framework build using **Selenium WebDriver**, **protractor** to handle Angular JS, **TestNG** and **Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Developed Test Frameworks in **Selenium** for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /TestNG).
* Configured **Selenium WebDriver, TestNG, Maven tool** and created **Selenium automation scripts** in **java** using **Junit** prior to agile release.
* Performed **white box testing** using **TestNG** for class, method, & **WebServices testing**.
* Involved in **Maven** configuration for running servers and scripts after the build**.**
* Involved in preparing a report of all automation difficulties and test results for further application using **Maven.**
* Executing the test plans on **web** and **mobile** (Apple & Android) as per requirements.
* Implemented simulator for Mobile App Testing in **Android Platform** using **Appium**.
* Experienced in load and performance testing tool **JMeter**.
* The entire **Ruby** scripting done using **Cucumber framework** Wrote and executed **SQL queries** to verify the data updates to various tables and ensure data integrity.
* Used **Jenkins** as continuous integration server to run automated test suites.
* Have built a test automation framework based on Page Object Model,TestNG and Selenium Webdriver.
* Integrated Automation scripts **(Selenium WebDriver API)** in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* Used web-debugging tools like **XPath, Firebug** and **Firepath** to locate elements.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML ids** and **XPATH** in **Selenium.**
* Performed Regression testing for new builds and every modification in the application using **Selenium.**
* Used **Selenium** **WebDriver** to run test cases in multiple browsers and Platforms.
* 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.
* Tested the various Service Oriented Architectures (SOA) spanning across various web services using **SOAP** and WSDL across various applications using **SOAP UI.**
* Reported software defects in **Quality Center** and interacted with the developers to resolve technical issues.
* Analyzed test results, tracked the defects and generated reports using **Quality Center**.
* Involved in designing and building automation frameworks in support of continuous integration in a test driven development (TDD).
* Performed **Smoke Testing to make sure all the Test Channels and Test Environment** is working as desired.
* Prepared the data to cover various scenarios and wrote **SQL scripts to verify the database updates**, inserts and deletion of the records.
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, Maven, Appium (Android), TestNG, Quality Center, Firepath, Firebug, Eclipse, XPATH, Java, HTML, CSS, TDD, Android, SQL, Oracle and Windows, JMeter, Jasmine.

**Cyient Ltd., Hyderabad, India Oct 2010 – Sep 2012**

**Role: Software Testing Engineer**

**Description:** Global software services company specializing in geospatial, engineering design & IT solutions; based in Hyderabad, with offices in the USA, Europe, Australia, Dubai etc. In Cyient I worked for ISB Portal (India School of Business Project) which comes under Educational domain. In this portal I have tested each and every functionality of the login page. Current Student, Alumni Student Details, Library Section and few others.

**Responsibilities:**

* Performed Manual testing for checking the functionality and executed the Test cases in Quality Center.
* Understanding the requirement specification and preparing test cases for the requirements.
* Manually Tested each and every functionality of the application and written Test cases
* Integrating two units and testing them whether they are executing properly or not Manually. Identifying bugs and validating them with no issues
* Performing Unit Testing, Functionality Testing, Regression testing. Preparing the Reports for submitting weekly or monthly status to the manager
* Worked on Waterfall Model Methodology
* Performed Backend testing by writing SQL Queries for different set of Input parameters to ensure the data integrity.
* Used QC for tracking the errors and reporting the bugs
* Reported and assigned the defects to the developer through Quality center**.**
* Used Soap UI Tool for testing Web Services and created Test Scripts in Soap UI
* Executed Test cases for XML using Soap UI Tool

**Environment**: Manual Testing, Windows XP, MS-Office Tools, Quality Center, Waterfall Model, SQL Server 2005, XML, Visual Studio 2008, C#, HTML, CSS, Java Script, Soap UI

**SBH – Hyderabad – India Aug 2008 – Sep 2010**

**Role: Manual Tester**

**Responsibilities:**

* Assist in planning, conducting, and analyzing data from test trials with several beta testers generating test reports from that data.
* Reviewed and implemented Business Requirement Documents.
* Working closely with other team members &amp; test teams to execute tests cases.
* Analyzed test specifications and converted them into Manual Test Cases.
* Isolate and report defects and verify fixes through regression testing and other test methodologies.
* Gather debug information for problem reports.
* Use debugging and performance analysis tools to do initial analysis of bug reports.
* Identify potential trends in incoming bugs and escalate to cross-functional team members.

**Environment:** QTP 9.2, Microsoft Office tools, Windows 2000, SQL.

**EDUCATION: Bachelor's in Computer Science, JNTU**