Ruthvik Reddy

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A Software QA Engineer with experience in testing applications and various platforms. The extensive Quality Assurance and testing experience have provided with a broad understanding of the business models and design principles of the application systems. Self-starter, ambitious, and challenge oriented with a background in information technology and business. Passionate and adept to create sophisticated web applications using various frameworks.

**PROFESSIONAL SUMMARY:**

* Software QA Engineer with 10 years of experience in Quality Assurance/Testing and Analysis with emphasis **on Manual, Automation** and **Backend testing of Web** and **Client/Server based** and **Mobile** native and hybrid applications using Waterfall and Agile methodologies.
* Good Understanding of QA methodologies.
* Strong skills in test planning, debugging, defect reporting and triage**.**
* Experience in mobile application (**iOS, Android**) and Web based applications testing.
* Good judgment skills in prioritizing, reporting the defects and attending defect review meetings/ defect triage meetings with business, project management and development team to assess the status of the project.
* Good knowledge on Agile Methodology and able to work under Aggressive deadlines.
* Proficient in Manual Testing that includes **Design Test Plan, Test Strategy and Test cases** based on Business Requirement Document, System Requirement Specifications and Functional Specifications.
* Extensive experience of SDLC, Software Testing Life Cycle (**STLC**), Defect Life Cycle and Well versed with System, Integration, Functional, User acceptance Testing, Regression, Data Driven Testing and End to End Testing.
* Proficient in the tasks of Bug tracking and Reporting using TFS, **Buganizar, Test Tracker,** **HP Quality Center, Clear Quest,** Jira and Rally.
* Excellent troubleshooting and debugging skills. Worked with **Cider** creating workspace to analyze the failed test cases. Fixed the automation test cases using **SURF** tool and by analyzing and fixing the python script.
* Involved in writing simple queries in order to **retrieve data** from the **database**.Wrote queries and extracted data using **Plx.**
* Experience in performing software defect tracking using Defect Tracking Tools – Quality center, Rally and Bugzilla.
* Worked with project managers, development teams and release managers to enhance the quality assurance process.
* Expertise in **Manual** and **Black Box** testing on **Client/Server** sides including **Mobile** applications
* Experience in **Parsing log files** and analyzing the Errors in reports. Created scripts for post processing.
* Extensive experience in **Functional** and **Regression Testing**, **Smoke, Ad-Hoc** and **End-2-End Testing, Accessibility testing, network testing and language testing.**
* Highly productive in Planning, Designing and Developing **Test Plans, Test Cases** and **Test Scenarios**
* Proficient in analyzing **Functional System Design** and **Product Requirement documentations**
* Detail-oriented, strong analytical, problem-solving and troubleshooting skills
* Excellent communication skills, highly motivated team player as well as independent
* Able to coordinate daily activities with long range goals.

**Education: MS in CS 2014**

**Technical Skills:**

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| --- | --- |
| Service Automation Tools | Soap UI, Post Man Chrome, ReadyAPI |
| Test Automation Tools | Selenium API, GIT, IntelliJ IDEA, Eclipse, STS, Appium |
| Performance Tool | JMeter |
| Programming Languages | C#, Java |
| Test Management and Bug Tracking Tools | Jira, HP-ALM, qTest, Test Link |
| Web Building Tools | TestNG, Cucumber, Rest Assured |
| SDLC | Agile model, Waterfall model |
| Collaboration Tools | Confluence, MS Office |
| Build Management Tools | Maven, Stash, Bit bucket, Jenkins, SourceTree |
| Software Tools | Putty, WinSCP |
| Databases | SQL, Oracle, Teradata and RDBMS, Snowflake |
| Operating Systems | UNIX, Windows (XP/2000/7/8/10), Windows Server |

# **PROFESSIONAL EXPERIENCE:**

**Client: - Microsoft, Seattle, Washington May 21 to Current**

# **SDET/Mobile (Appium)**

**Responsibilities:**

* Strong Credibility as Software Quality Assurance professional with expertise in defining Testing Methodologies. Good exposure in SDLC (Software Development Life Cycle) and STLC (Software Test Life Cycle) and SAFe agile methodology
* Point of contact for the complete Onsite Testing team dealing with multiple teams and projects.
* Executed the automated regression test cases during every release and executed the daily regression test suites.
* Strong Experience in developing Test Plans, Test Strategy, build Test Conditions and Test Cases, developing and maintaining Test Scripts, creating test data.
* Used Data Driven in which test data is stored in table or spreadsheet format with single test script.
* Developed end-end RESTful Tests (Postman) Orchestration to perform order processing through API’s Performed XSD validations on XML request responses (Soap UI).
* Developed automation scripts for Mobile Native applications on iOS and Android platforms using Appium and Java.
* Identified mobile elements using Appium Inspector, UI Automator Viewer.
* Used Appium to facilitate mobile testing by creating mobile Driver class with the required Mobile capabilities.
* Done mobile testing using Appium in both IOS and Android applications using simulator and emulator.
* Done accessibility testing for both Android and IOS devices
* Implemented test automation scripts for mobile testing using Appium for Android and iOS applications.
* Created Test Automation Framework with Cucumber and Selenium WebDriver
* Involved in XML’s testing using SOAP and REST (POST, PUT and GET) API Testing using Restful API, UFT API, SoapUI and Postman and submitting on diff servers using JMS Viewer.
* Developed automated code will be pushed and responsible to validate the reports by running the Test Module.
* Commit developed Automated code to Azure repo and Push the same changes.
* Perform Smoke, Functional, Regression, Integration and Exploratory Testing to identify defects outside the formal test practices.

**Environment: Azure**, Excel, Outlook, Selenium WebDriver, IntelliJ, Cucumber, Appium

# **Client: - Boeing Feb, 20 to May, 21**

# **Sr. Software Quality Assurance Engineer /Selenium**

**Responsibilities:**

* Interacted with Business users and technical teams to review business requirements and technical specifications and created documents to identify test scenarios.
* Identified Integration, System, Performance, User Acceptance Testing scenarios and project quality metrics by working with Test Leads and Test Managers
* Perform Smoke, Sanity, Ad-hoc testing, Regression and Re-testing depending on the requirements.
* Written Automation Test scripts for Siebel using QTP, Selenium (JAVA), TestNG, Maven, Jenkins and push the same to SVN repository.
* Documented test results in test tools (HP-ALM, JIRA) and validates test cases are complete for future releases and escalate the issues to corresponding dev team and discussing the same in status/scrum’s calls.
* Developed automation framework using  Selenium, Cucumber, Maven and TestNG with Java and  Restful API and Postman in QA Automation tools Discovery.
* Used to report and track the defects in different bug tracking tools. Experience in bug tracking tools like Clear Quest, qTest, HP-ALM and Mantis.
* Implemented Selenium WebDriver Test Automation framework infrastructure and created reusable components. Created Data Driven Tests and Ran through framework and Cross Browser Testing and Selenium Grid (Executed test cases against various browsers like Mozilla Firefox, Google chrome and IE etc...).

**Environment:** Version one, Excel, Outlook, Selenium WebDriver, IntelliJ, Cucumber, ALM, Java.

**Client: - Country Financial, Bloomington, IL Mar 18 to Jan 20**

# **Sr. Test Automation Engineer**

# Country Financial is one of the commercial banks in United States. It provides a comprehensive line of

# banking, insurance, investment, mortgage and payment service products to consumers, businesses and

# institutions. The project involved authenticating an online banking customer and authorizing the

# customer while using various other services. Sr. QA Automation Engineer

**Responsibilities:**

* Hands on experience in Document Manager for any quick changes and deploy the same to UAT.
* Review application specifications and create documents to identify test scenarios. Design Test Plans and Test Cases.
* Prepare and submit XML’s, Rest, JSON’s to different Servers (Integration API Testing) using Postman, SOAP UI, Messaging Queue and verify the same in Database Tables (Oracle SQL).
* Used SOAP UI tool to test SQA based architecture application to test SOAP services and REST API.
* Good experience in Functional testing in Agile model.
* Designed and Developed Automation test scripts in Java implementing test in selenium Web Driver.
* Experience with open-source tools Selenium (Selenium IDE, Selenium RC, Web Driver).
* Expertise in Selenium automation using Selenium Web Driver, Selenium Grid, JAVA, JUNIT & Maven.
* Proven ability in developing BDD scripts with Cucumber and writing step definitions for behavior.
* Configured Selenium Web Driver Testing, ANT tool and created selenium automation scripts in java using Testing prior to agile release.
* Identified mobile elements using Appium Inspector, UI Automator Viewer.
* Used Appium to facilitate mobile testing by creating mobile Driver class with the required Mobile capabilities.
* Good experience in mobile testing using Appium in both IOS and Android applications using simulator and emulator. Created the Feature Files for Cucumber Automation.
* Implemented test automation scripts for mobile testing using Appium for Android and iOS applications.
* Extensively used Selenium (data-driven, XPath locator) and WebDriver to test the web application.
* Expertise in working with the defect tracking tools like JIRA, BUGZILLA, and HP/ALM Quality Center.
* Hands on experience of Build & Deployment phase and usage of Continuous Integration (CI/CD) tools, build configuration, change history for releases, Maintenance of build system, automation &smoke test processes, managing, configuring, and maintaining source control management systems.
* Performed Web Services Testing and XML validations by creating test case suite using SOAP UI.
* Created custom JSON/XML Assertors to validate SOAP and REST API calls, and Data Banks to store and analyze data input/output and error codes.

**Environment:** MTM, TFS, Azure, React-Native, Soap UI, SharePoint, Selenium RC, Selenium IDE, Selenium Web Driver, Selenium Grid, Selenium WebDriver API, Appium GUI 1.6.5, Test Object, Agile, Eclipse, Windows NT/7, Java, XML, XML, HTML, JSP,MS SQL, DB2, Toad, Teradata, Oracle 11g, SQL Server 2008.

# **Client: - Capital One, SFO Apr 16 to Jan 18**

# **Sr. Software Quality Assurance Engineer**

**Responsibilities:**

* Interacted with Business users and technical teams to review business requirements and technical specifications and created documents to identify test scenarios.
* Identified Integration, System, Performance, User Acceptance Testing scenarios and project quality metrics by working with Test Leads and Test Managers
* Perform Smoke, Sanity, Ad-hoc testing, Regression and Re-testing depending on the requirements.
* Written Automation Test scripts for Siebel using QTP, Selenium (JAVA), TestNG, Maven, Jenkins and push the same to GIT repository.
* Documented test results in test tools (HP-ALM, JIRA) and validates test cases are complete for future releases and escalate the issues to corresponding dev team and discussing the same in status/scrum’s calls.
* Developed automation framework using QTP(UFT), Selenium, Cucumber, Maven and TestNG with Java and Groovy, Restful API and Postman in QA Automation tools Discovery.
* Used to report and track the defects in different bug tracking tools. Experience in bug tracking tools like Clear Quest, qTest, HP-ALM and Mantis.
* Implemented Selenium WebDriver Test Automation framework infrastructure and created reusable components. Created Data Driven Tests and Ran through framework and Cross Browser Testing and Selenium Grid (Executed test cases against various browsers like Mozilla Firefox, Google chrome and IE etc...).
* Parallel Test Execution, defined and exported Test Results, analyzed Test Results and Reported Defects.
* Used Extent Reporting, Log4J in the automation frameworks for detailed status reports.

**Environment:** Traditional Waterfall environment, HP Quality Center9.0, ETL, Mercury Interactive quick test Pro, Load Runner 7.8, Test Director 8.0, Win Runner 7.6, manual testing and Internet explorer,ALM, Windows XP/2003/NT, Linux, Java, JavaScript, ASP.Net, VBScript, VB.Net, Oracle, MS SQL Server

**Client: - Cerner, St. Louis, MO Feb 15 to Mar 16**

**QA Analyst (Mobile Tester)**

**Responsibilities:**

* Responsible for Mobile testing of the application for education on **mobile devices** like **iPad** and **Android**
* Involved in integration testing of widgets like **Learnosity**, **e-reader**, tinyMCE, redactor etc.
* Involve in the entire defect life cycle and report bugs using the bug tracking system **JIRA**
* Testing of various API’s using **SOAPUI**, and verified the response **XML** is matching the values in database
* Communicate with the technical product owners and developers for understanding of the requirements
* Analyze system requirements and develop detailed test plans from use cases, detailed specifications.
* Develop test cases for **Mobile** applications in Zephyr for functional, Integration, System and User Acceptance Testing.
* Create and execute **Gherkin** feature files for Cucumber testing
* Generate traceability matrix to track requirements and associated test cases using Zephyr.
* Verified the bugs fixed by developers during each phase of testing
* Configure test environment for specific test cases, create test data, and execute manual tests, document results, and update defect tracking systems.
* Involved in Validating test data using **XML** response files.
* Used UNIX commands to create test data and to check the error logs on the server
* Use JavaScript console to verify java scripts and for identifying, debugging issues
* Perform integration, regression, system, user acceptance and end to end testing
* Testing of the application in various browsers like safari, chrome, fire fox.
* Testing of the application in **iOS** and **Android** platforms
* Involved in web application and Application programming interface (API) testing
* Perform Backend testing by writing and executing SQL statements using PostgreSQL tool
* Followed Agile methodology and participated in Daily scrum, demo, retrospective, sprint planning meetings
* Actively participate in Demo of the application to product owners and business

**Environment:** Soasta, Cucumber, JIRA, Zephyr, J2EE, JavaScript, iOS, Android, Mac, PostgresSQL, **API’s**, JMeter, UNIX, PubNub, Poster, SOAP UI, iOS Simulator, WELSH

**Manual Tester** May2011 – Aug 2013

Ark Soft solutions

Hyderabad, India

* Responsibilities:
* Understanding the Business Requirement document.
* Well versed with Manual Testing life cycle process in both Agile and Waterfall methodology.
* Generated data for execution of Test cases.
* Developed Test Scenarios and Test Cases as per the requirement document.
* Setting up Test Environment, Creating specifications for Test Data Requirements and Test
* Condition Matrix, Software Test execution Defect management.
* Performed Functional Testing, Integration testing and System Testing.
* Modified the Test cases and performed Regression Testing.
* Experienced in problem solving ability and analytical skills including Root cause analysis to solve real
* time problem efficiently.
* Performed Database testing by passing SQL Queries using MySQL, Oracle DB.
* Prepared QA matrix and status reports.
* Involved in identifying Manual test cases for automation.
* Finding and reporting defect in defect tracking tool Quality Center.
* Involved in giving daily and weekly status reports to clients.

Environment: Waterfall and Agile Methodologies, Windows Server 2000, Oracle 9i, MySQL, JBOSS, JMS, MVC, JSP, Quality Center, CSS, HTML5, XML, XSLT, UML.