**Rajendra Neerukonda**

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| **Email:** [neerukondarr@gmail.com](mailto:neerukondarr@gmail.com)  **Phone:** +1(860)- 995-7760 **Software Engineer (QA) – Manual/Automation Testing** |

***PROFESSIONAL SUMMARY****:*

* 8 Years of Extensive experience in Analysing, Designing and Implementation of **Quality Assurance(QA)** testing strategy for **Web based** and **Client/Server applications** using **Manual testing and Automation testing on Windows, Mac OS X, UNIX and LINUX platforms.**
* Well versed in various forms of Testing: Smoke, Functional, Integration, Regression, Performance and UI.
* Hands on experience in working with tools such as **Selenium** **WebDriver/RC/IDE/GRID**, **HP Quick Test Professional QTP/UFT, Junit/TestNG**, **Quality Center (QC)**, **SOAP UI**, **JMeter**, **JIRA**, **Maven**, **Jenkins**.
* Ability to validate GUI and system functionality on desktops as well as mobile devices running with **Android** and **iOS** with the help of **Appium** tool integrated with complex architecture and Mobile Browser, Mobile Native Application Testing, Mobile Cloud Platform.
* Strong experience in **OOPS** using **Core Java** and extensively used classes, objects, data structures, inheritance, polymorphism, exception handling, packages, collection, reflection and many more.
* Excellent understanding of Software Development Life Cycle **(SDLC)** like **waterfall and Agile (Scrum)** Software Testing Life Cycle **(STLC)** and Test Methodologies from project definition to post deployment documentation.
* Proficient in writing Test Strategies, Test Plans, Test Cases, Test Scripts, Test Scenarios and Test Summary Reports for both Manual and Automated Testing.
* Extensively worked on **Selenium WebDriver** with the preferred Languages **Java, C#, Python and Ruby.**
* Automated business processes in **QTP using VB Script**.
* Tested Web Services **(SOAP&REST) /API using SoapUI (XML, JSON)** and developing the Scripts using **Groovy**.
* Hands on experience in dealing with various Defect Tracking tools like Clear Quest, JIRA, Rally, Microsoft Test Manager **(MTM)**, Quality Center **(QC)**, **BugZilla** and Team Foundation Server **(TFS).**
* Proficient in using Version Control tools like **GitHub, SVN** and **CVS.**
* Having good knowledge on **Ant** and **Maven** for Project building tool along with **Jenkins** and **Bamboo** for continuous integration.
* Extensive Experience in writing **SQL queries** to fetch data from Database systems **(Oracle/db2/SQL Server/ PL/SQL)**.
* Experienced in Development of Automation Scripts, Execution and Analysing the Test Results using Hybrid, Jasmine framework, Behaviour Driven Development (**BDD**), Test Driven Development (**TDD**), **Cucumber**, **JBehave**, **Keyword Driven Framework**, **Data Driven Framework** and **Mocha**.
* Hands on experience in writing and implementation of complex test plans, design, development and execution of test scripts for system, integration, **UAT (User Acceptance Testing)** and **Regression** testing.
* Good interpersonal, multitasking, and communication skills and good team player in a distributed team environment
* Interacted with stakeholders regarding business requirements with ease and professionalism.

***TECHNICAL SKILLS***

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| **Testing/Test Management /Defect Management tools** | Selenium Web Driver/RC/IDE/Grid, HP Quick Test Pro (QTP) 11, Load Runner 11, JIRA, Quality Center/ALM 11, Rally, Jenkins, Maven, WebdriverJS, Protractor, Bamboo, Clear Quest, SOAP UI , Cucumber, Robot framework(ATDD) |
| **Web Browsers & Servers & Operating Systems** | Microsoft Internet Explorer, Netscape Navigator, Mozilla Firefox, Google Chrome, Opera, Tomcat, Sauce Labs, Web Logic & Windows, iOS, Android, Linux, Unix |
| **Database** | Oracle R12, MS Access, DB2, SQL Server 2008, MYSQL, Mongo DB |
| **Microsoft Tools** | MS Office, Eclipse, Rational Rose, Adobe Acrobat, MS Visio, MS Project, Microsoft FrontPage, Fire bug, Fire Path, IE Developer Toolkit and HTML |
| **Reporting Tools** | Crystal Reports, SQL Server Reporting Services |
| **Language** | Java, C++, Python, Ruby, Groovy, SQL, HTML, XML, JSON, JavaScript, VB Script, Databases Oracle, SQL Server, MySQL, MS-Access and DB2, Toad. |

***PROFESSIONAL EXPERIENCES***

**Blue Cross and Blue Shield of Florida (Florida Blue), Jacksonville, FL. February 2019 - Present**

**Automation Engineer (Selenium)**

**Project Description**: Customer Connect – The project provides consolidated desktop capability for Customer Service Advocates of “Florida Blue” to respond customer inquiries by tracking information like claims, billing, PCP, Appeals, touch points...etc. with primary goals of reducing Average Handle Time (AHT) and improving advocate experience.

***Responsibilities:***

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* Accountability across multiple functions and teams including facilitation/coordination with external customers/vendors, creating and executing complex tests across multiple platforms.
* Worked in the agile environment with frequently changing requirements and features set.
* Prepared Test Plans, Test Scripts and Test Cases based on functional specifications and user requirements.
* Participated in SDET (Software Development Engineer in Test) for automated test cases and the frameworks to execute and report them.
* Developed and maintained automated regression test cases in Selenium WebDriver using Java programming language.
* Implemented Page Object Model Pattern based Keyword Driven automation testing framework utilizing Java, Test-NG and Selenium Web-Driver.
* Used Maven for building the WebDriver project, Integrated with Continuous Integration tools Jenkins for running tests automatically.
* Implemented automation framework in Selenium WebDriver using Behavior-Driven (BDD) approach in Cucumber framework with Gherkin.
* Involved in integrating the test suites to Jenkins to execute them automatically after every successful deployment.
* Designed test cases based on the use-cases and the complex business logic defined for each web-service or a message.
* Designed data-driven testing framework in Selenium and captured data dynamically from web controls.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Used XPath and DOM to work with dynamic and static objects in Selenium.
* Used Postman for REST service testing.
* Performed Smoke, Functionality, Integration, System, Regression tests based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Used GIT as code repository and Code Collaborator to manage code reviews.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Performed defect reporting and bug tracking using Rally and also followed up with development team to verify bug fixes, and update bug status.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data in Mongo DB and SQL using queries.
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers.

**Environment:** Selenium WebDriver, Eclipse, Jenkins, Maven, Junit, TestNG, Rally, GIT, POSTMAN, JMeter, Fire path, Firebug, Eclipse, XPATH, Java, Cucumber, HTML, CSS, Mongo DB, Rally, JavaScript, SQL Server 2012, Agile.

**Viacom, New York, NY May 2017 – January 2019**

**Mobile Automation Engineer (Appium)**

**Project Description**: TV Everywhere (User platform) is an industry-wide initiative that seeks to provide paid TV subscribers with access to full length media content through network apps across platforms. It is meant to facilitate consumption of paid TV wherever and whenever.

***Responsibilities:***

* Responsible for comprehensive testing of iOS, Android, Web and Smart TV (Apple TV, Roku and FireTV) applications.
* Responsible for full life cycle of the test phase of products from project inception to Production (kick off till delivery to the App-Play-stores). Worked in an agile, fast-paced environment on a 2-week release cycle.
* Participated in SOW, requirements and high-level design walkthroughs with the product owner, business analysts, project managers, developers and UX designers to understand requirements and acceptance criteria.
* Manage detailed test cases in TestRail to ensure coverage of the requirements/ design documents and generate test coverage and defect reports.
* Conducted reviews of use cases/test cases with the Development and Product Management teams.
* Used Jenkins to monitor and download new builds pushed by development team and was responsible for setting up the QA environment and installing the new builds from Jenkins on iOS, Android and Emerging platforms ( Apple TV, Roku, Amazon FireTV) using XCode and ADB Terminal respectively.
* Used Jira for bugs/issue tracking, and project management functions. Reported, managed, and verified issues, defects and tasks on a daily basis on Jira
* Performed Connectivity, Exploratory, Cache testing and End User testing
* Extensively usedCharles Debugging Proxy to monitor the API requests and responses from the apps, manipulated APIs using breakpoints, map local, map remote, rewrites, DNS Spoofing..etc and also used throttling feature to test various network bandwidths.
* Used GeoVPN to test Viacom Applications available in different locales across the globe.
* Used Xcode to view device logs, take screenshots, view UDID, install iPA files, capture crash logs, and monitor console output for iOS and tvOS (Apple TV)
* Used Android Studio to monitor the logcat, capture crash logs, and take screenshots and video for Android phones tablets
* Performed manual black box security and remediation testing on a wide range of native mobile based applications hosted in pre-production environments
* Provided sign-off for release to Production depending on the severity of open defects on vulnerabilities and the ETA for remediation
* Worked closely with project managers to handle multiple projects simultaneously
* Performed functional, UX, performance and smoke testing.
* Executed Appium automation scripts for regression testing.
* Involved in developing test automation framework based on Java, Page Object Model, TestNG, Appium and Selenium Web driver

**Environment:** Charles Debugging Proxy, Xcode, Android Studio, Selenium, JAVA, Appium, JIRA, Visual Studio, Jenkins, TestNG, Eclipse, HTTP, XML, JSON, Confluence, Github, Stash

**Scott & White Health Plan, Temple, TX. September 2015 - April 2017**

**Test Automation Engineer (Selenium/Appium/Web Services)**

**Project Description**: The project was to enhance the existing on-line system to store and maintain the customer's insurance information in a centralized location. The web portal allowed Guardian customers to track and review claims and other health account information as well as performs on-line transactions such as ordering medications. The system was designed to increase efficiency of the website.

***Responsibilities:***

* Directed Automation/manual testing using the Standards, guidelines and structured methodology in testing the application. Analysed Business Requirement/Features and preparing the Test conditions in HP Quality Center.
* Prepared Test Scenarios based on RSM (Requirements Specification Matrix).
* Developed test scripts using Selenium Web Driver, ample use of Firebug to map HTML pages and Selenium to document reports, test results. Use of "Parameterization" techniques for a "Data driven" test. All development had done under Eclipse IDE.
* Attended Scrums every day and work on Tasks to finish the stories on the board for each Sprint as this is agile methodology.
* Designed Hybrid Appium Test automation framework, Page Object Model for mobile application (Android/iOS apps).
* Performed Cross-platform, Functional, Regression testing, UI testing for mobile app using Appium test automation framework.
* Performed testing on Office Web Apps, Office Native Apps for iOS and Mac using XCODE, to verify functionality of application.
* Involved in performing Automation testing with emulators & IOS Simulators
* Integrated Appium for distributing tests on the cloud.
* Developed QA processes automation test scripts using Java/Selenium to test Web based user interfaces for different types of browsers. Validated the data from Front End to Back End tables in the Database.
* Designed, implemented, and test data remediation application process including, insert data file using Core Java, Memory Management, JDBC.
* Experience in developing in Core java programming using OOPS concepts.
* Implemented HTTP protocol methods to support the user requests.
* Have built a test automation framework based on Page Object Model, TestNG and Selenium Web driver.
* Developed automation test cases, executed these test scripts from test lab and logged defects in JIRA/ALM.
* Implemented TDD (Test-Driven Development) and ATDD approach.
* Practiced continuous integration process using Jenkins, ran automation script nightly basis and during the deployment. Pulled the automation script from Git.
* Created and executed automation test cases using Selenium Webdriver/Cucumber framework for Web App and Appium / Cucumber for Mobile App.
* Implemented BDD framework using Cucumber and created step definition and feature files using Gherkin (Cucumber).
* Validated web services manually and through groovy script automation using SOAP UI.
* Involved in using SOAP UI tool to test SOA based architecture for testing SOAP services and REST API.
* Performed Web Services testing (both SOAP and REST) with SOAP UI by validating requests and responses for XML and JSON.
* Tested SOAP and REST web services using the different assertions like HTTP assertion, security assertions, XPATH assertions in SOAPUI.
* Tested the API of Web Services using SOAPUI and RESTFUL services.
* Implemented web services testing on XML Schema. WSDL using SOAP UI and validated them in SOAP and in the Back-end Databases.
* Used Team Web Access to plan and run the automated test cases using Microsoft Test Manager.
* Prepared test cases for the system covering SRS document, design document, reviewing them with the developers and finalized the test cases.
* Tested extensive backend testing using SQL Queries to retrieve the data from the database and checked data integrity.

***Environment:***Selenium, JAVA, C++, SOAP UI, SQL Server, JIRA, Cucumber, SQL, MS Office, Visual Studio, Jenkins, REST, Web API, Unit Testing, MTM, TestNG,  Eclipse, HTML, CSS, HTTP, XML, JSON.

**ZenQ, Hyderabad, India July 2013 – December 2014**

**QA Engineer (Automation/Manual)**

***Responsibilities:***

* Analysed the Business Requirements Document (BRD), developed Test cases and Test scripts for the application under test.
* Actively participated and Interacted with product management teams in the review and analysis of functional requirements.
* In depth understanding of Object Oriented Programming and skilled in developing automated test scripts in Selenium.
* Designed data-driven testing framework in Selenium and captured data dynamically from web controls.
* Created automation framework and test scripts using Selenium Web-Driver for multiple platforms and browsers testing. Also performed manual testing for the same.
* Design, develop and implement Page Object Model Pattern based Keyword Driven automation testing framework utilizing Java, Test-NG and Selenium Web-Driver.
* Developed automation test cases, executed these test scripts and logged defects in JIRA/ALM.
* Used SVN Subclipse repository for efficient remote team working, also stored the framework and all the developed test cases.
* Configured Selenium Web Driver, Test-NG, Maven tool and created Selenium automation scripts in Java using Test-NG prior to next quarter release.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from SQL Server.
* Performed functional testing of SOAP and RESTFULL Web Services using SOAP UI Tool.
* Demonstrated ability to solve complex automation challenges involving Ajax, dynamic objects, custom object types, unexpected event handling.
* Involved in testing Web services and XML with tool called SOAP UI and using this tool to locate WSDL file on internet, create Test cases and run them
* Involved in regression testing using QTP tool prior converting QTP scripts to Selenium web-driver
* Involved in scope creation, script creation, configuration, execution, analysis, resolution, retesting in order to performance testing using JMeter.
* Designed Scenarios in JMeter to perform Load and Stress tests and to analyze results.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).

***Environment:*** Selenium Web driver/IDE, Eclipse, JMeter, JIRA, Java, JavaScript, HTTP, HTML, CSS, X-path, Windows, SQL Server, Quality Center/ALM, Test-NG, SVN, XML, JSON, SOAP UI, Fire bug, Fire Path, IE Developer Toolkit, QTP.

***EDUCATION:***

Masters in Computer Science, University Of Hartford, Connecticut, USA

Bachelor of Technology in Computer Science, Pondicherry University, India