**Roja**

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**PROFESSIONAL SUMMARY**

* Professional selenium QA Tester with **8+ years** of experience in **Manual and Automation testing** of client side and web applications.
* Expertise in analyzing User Requirements, Functional and Technical Specifications and proficient in all phases of **Test Life Cycle** from test planning to defect tracking and managing defect lifecycle.
* Strong knowledge in complete **Software Development Life Cycle (SDLC)** of projects and experienced in working with Agile and waterfall environments.
* Experience in middleware technologies**IBM Data Power,** **WMB (WBIMB), and WebSphere MQ, WebSphere Application Server**.
* Extensive experience in testing processes like **Test Plan, Test Case Design, Test Environment Setup, Test Result, Defect Management, Test Automation and Acceptance Testing.**
* Installed, configured and administered **Jenkins** as Continuous Integration Server on **Linux** machines.
* Expert in developing automation test scripts for **Desktop and Mobile Applications** using **Selenium Webdriver** using **Java** along with integration tools as **Jenkins, SVN, GitHub** and **Perforce**.
* Strong experience in developing automation test scripts for **Websites and Web-services**.
* Expertise in automating scripts to test web based applications using tools like **Selenium Webdriver** and **SOAP UI**.
* Experience on **Selenium IDE** and creating test scripts using **Black Box Testing** and **White Box Testing**.
* Experience in developing automation scripts in **BDD** format using **Cucumber** and proficient in writing Cucumber scenarios in **GHERKIN** format.
* Experienced in executing test cases developed using **Visual Basics Script** and **Java** on **UNIX** and **Windows** based platforms in domains like **Financial, IT and retail**.
* Expertise in Test Management and Defect Tracking tools like **JIRA/Zephyr, HP Quality Center (QC)** and **ClearQuest.**
* Experienced in building automation scripts using **Data driven Framework** and **TestNG/Junit**Framework and conducted using **Selenium Webdriver**.
* Experience in reading/writing **bash shell scripts and CLI**
* Knowledge in integrating **Web Services technology**, JQuery, AJAX with Web Parts and Pages.
* Implemented web application testing including **GUI Testing, Performance Testing, System Testing, Functional Testing, Integration Testing, Regression Testing, Stress Testing** and **Unit Testing.**
* Experienced in Backend Testing and Database Testing using **SQL queries** in **SQL Server** and **Oracle**.
* Knowledgeable and good exposure on automating scripts using **QuickTest Professional (QTP)**.
* Strong verbal and written communication skills with the ability to work in a team setting or individually.

**TECHNICAL SKILLS**

**Testing Tools:**  Selenium IDE, Web Driver, QTP, SOAP UI,Ruby.

**Testing Frameworks:**  Data Driven, Keyword, Junit and TestNG

**Reporting Tools:**  Quality Center, JIRA/Zephyr and Clear Quest

**Operating Systems:** Windows XP/98/7, iOS and UNIX

**Databases & Tools:** SQL Server, My SQL, MS Access, Oracle

**Web Servers:**  Microsoft IIS, Apache Web Server and Java web server

**Languages:** C, SQL,Bash Shell,ASP.NET, VBScript, JavaScript, Java

**Internet Technologies:** HTML, XML, JSP, J2EE

**WORK HISTORY**

**QA Tester(Sep‘15 – Present)**

**Carefirst BCBS, Baltimore, MD**

**Role & Responsibilities:**

* Analyzed the specifications from Business view and Functional view of the application.
* Worked on migrating and testing Nintex workflow's post migration.
* Validate and approve entry/exit criteria forms for System Integration and User Acceptance Testing
* Identified test cases to automate the test cases using Selenium WebDriver, Junit and Java (Eclipse IDE)
* Testing JavaScript web based applications.
* Work on Continuous Integration using tools like Jenkins.
* Good Exposure in reading/writing bash shell scripts and CLI
* Involved in all phases of SDLC of migrating intranet portal from MOSS 2007 to SharePoint 2010.
* Designed and developed Nintex forms and workflows for streamlining and increasing productivity.
* Executed the web-service test cases using SOAP UI tools.
* Added a command-line call to Eggplant Functional at the end of a product build script to perform a smoke test of the new build.
* Validated the customer account records and their order details with Databases using SQL Queries.
* Configure and maintain Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds.
* Supported and developed tools for integration, automated testing and release management.
* Worked on XSLT and used XMLTransformation node to transform an XML message to another form of XML message.
* Developed the features, scenarios, step definitions for BDD (Behavior Driven Development) and TDD (Test Driven Development) using Cucumber, Gherkin and ruby.
* Experience in writing Command line and Bash shell scripting.
* Designed, created and maintained Web-enabled Oracle Forms & Reports.
* Participated in small teams of domestic QA, offshore QA, release engineering, and documentation.
* Written Test Cases for ETL to compare Source and Target database systems.
* Extensively worked with End-to-end testing for User Acceptance Testing (UAT).
* Intensively analyzed the test results and bugs are tracked and reported with the detailed status of the bug with HP ALM/Quality center (QC).
* Ensured data integrity and data security on AWS technology by implementing AWS best practices.
* Designed and developed Continuous Integration systems with Maven and Jenkins.
* Worked with the version control system Subversion (SVN) and executed test cases the updated and integrated application code.
* Designed and Developed HTML, C, bash Shell Script, Java JSP programs to call Oracle Forms
* Troubleshooting end-to-end connectivity testing issues.
* More instances of Eggplant Functional running tests from the command line while you continue to develop and run scripts in GUI mode.
* Identified defects and log using HP Quality Center and responsible for tracking, reporting and reproducing defects.
* Documented the results of the executed test suite with the detailed report of passed and failed test cases in a suite.

**Environment**:Nintex workflows, Eclipse IDE, Java, SQL server, MY-SQL, SVN, HPQuality Center,WMB,JIRA/Zephyr, System center, web services, WFC,WWF, Jenkins, HTML, XML,ASP.NET, Windows, Oracle Forms, IE9, Chrome and Firefox.

**QA Tester (Feb ‘14 – Aug’15)**

**Health Care Partners, Torrance, CA.**

**Role& Responsibilities:**

* Actively interacted with the Business users, product owner and the developers in the Agile team to understand the test scenarios.
* Worked on Template forms to lay the foundation for the application.
* Created a Test Strategy, Test Plan and Test Cases.
* Automating the test scripts are planned, prepared and upgraded using HP Quality Center (QC).
* Built Java code on to different Jenkins servers as per the schedule.
* Modernized the automation test scripts based on the periodical changes in the functionality requirementsof product.
* Upload and Executed Automation Test Scripts using QC.
* Worked with AWS Cloud platform
* Designed and implemented test automation framework using Cucumber andSelenium Web driver to test software applications developed in C#.
* Used Jenkins as a continuous integration tool for build and deployment of applications JAVA code.
* More instances of Eggplant Functional running tests from the command line while you continue to develop and run scripts in GUI mode.
* As a key member of leadership team, participated in defining long-term technical roadmap and contributed to short-term product design, development, and release management.
* Automated various critical points identified in functional testing using Selenium Web driver.
* Used CURL, SOAPUI as a testing tools for testing all the connection to the Data Power imulating as client.
* Developed and automated regression test cases with positive scenarios Selenium Web driver.
* Executed Backend and Database tests using SQL queries, validating the data for database editing and debugging is conducted using selenium.
* Maintained internal QA web portal. Researched software QA automation tools, defect tracking and feature management system.
* Created Automation Test scripts using Cucumber frame work with Watir-webdriver, selenium-web driver and Page objects.
* Testing JavaScript web based applications.
* Performed and maintained unit testing using Junit framework.
* Developed test scripts for service calls and rendered data through XML files.
* Practiced Test-Driven Development with MiniTest, Rspec tool and Behavior-Driven development using Cucumber.
* Created the test data for interpreting positive/negative results during functional testing.
* Dealt with the Bug life cycle phases like Defect analysis, bug tracking and Retesting is performed and maintained the status of reports.
* Developed the features, scenarios, step definitions for BDD (Behavior Driven Development) and TDD (Test Driven Development) using Cucumber, Gherkin and ruby.
* Involved in daily and weekly defect and risk meetings.

**Environment**: Java, JSP, HTML, DHTML,Ruby CSS, selenium Web driver, XML, Eclipse IDE, Cucumber, JUnit, SVN,Gherkin, HP ALM/Quality Center,IBM Data power, WebSphere, SQL Queries, Oracle Forms and Firebug.

**Health Science Community Center, Morgantown, WV**

**Selenium QA Tester (Dec‘12– Jan’14)**

**Role & Responsibilities:**

* Analyzed the Use Cases and various documents to prepare Test Plan.
* Highly experienced in designing and applying test methodologies to ensure products meet required specifications and Performance expectations.
* Developed the Test strategy for short term and long term automation.
* Prepared Manual testing scenarios and test cases for system design of advance builds of an application.
* Automation infrastructure and error free test scripts are developed using Selenium Web driver methods and features.
* Used Eclipse IDE with selenium for supporting functional testing of client side application.
* Created Requirement Traceability Matrix (RTM) while preparing the test cases.
* Organized the test cases in the HP ALM/Quality Center (QC) for Manual Test execution also generated reports and graph type documents for results using QC.
* Test scripts are written using Java selenium to automate the GUI test and functional test cases.
* Test scripts created with automation tools and executed automation scripts on various builds.
* Performed risk analysis to critical areas of application from customer perspective and supported multi-tier application.
* Test scripts written are enhanced for Global Execution.
* Data Driven Testing (DDT) is executed by prepared Test data.
* User stories are tracked using JIRA and HP ALM/Quality Center (QC) to track the defects.
* Experienced in working with Interactive Voice Response (IVR) Testing.
* Involved in weekly status review meeting and generated reports on summary of the test executions.

**Environment**: Windows, Selenium IDE, Selenium Web driver, Java, JSP, J2EE, Scrum Master Pro, DDT, HP Quality Center, JIRA, Eclipse IDE and Fire path.

**Selenium QA Tester (Jan ‘12 – Nov’12)**

**Affinity Health Plan, Bronx, NY**

**Role & Responsibilities:**

* Analyzed, developed and executed test scenarios by reviewing all the business functional specifications, detailed design and data flow and architecture documents.
* Developed detailed Manual test strategy and test cases for Functionality Testing.
* Responsible for creating and executing test cases for system testing and integration testing.
* Worked on developing the Test Cases in the HP Quality Center (QC).
* Involved in preparation and execution of Test Scripts using QTP.
* Implemented GUI check points and gathered the test cases needed to be automated using Selenium Web driver.
* Developed SOAP UI extension for test statistics.
* Involved in Web Service Testing using Soap UI.
* Executed regression testing with optimized selenium scripts with various test data sources.
* Created reusable actions for reusing them in to some other scripts in QTP.
* Developed VB scripts in Quick Test Pro (QTP) to perform End to End testing.
* Responsible for updating and maintaining the Quality center (QC) for all the defects found during functional and regression testing and follow up the Bug Life Cycle.
* Knowledge in writing test plans and test cases using MS Excel and HP Quality Center/ALM 11.
* Involved in End-to-End testing with Manual test scripts and documented the results.
* Implemented Browser and Platform compatibility testing in virtual machine environment.
* Participated in defect logging, tracked the bugs and implemented Retesting.

**Environment:**Selenium IDE, HP Quality Center, Java, JSP, HTML, DHTML, SQL, MS Office, UNIX.

**Selenium QA Tester (April 09 – Oct11’)**

**HDFC BANK, INDIA**

**Role & Responsibilities:**

* 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.
* Involved in performing the Backend testing to make sure the test data on web application is reflected as per perfectly.
* 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.
* Worked with concepts of Core Java in developing test cases.
* 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:**Manual Testing, Windows, XML, HP ALM/Quality Centre, Java, Oracle, MS office, IE and Google chrome.

**EDUCATIONAL QUALIFICATION**

**Bachelors in Electrical & Electronics, Kakinada, India.**