**Ruchit**

**ruchittech@gmail.com**

**510 497-1740**

**PROFESSIONAL SUMMARY:**

* Over 8+ years of experience in Information Technology, with specializing in Software Quality Assurance Testing, proficient in testing on **Client/Server** and **Web based** applications.
* In depth understanding of Software Development Life Cycle **(SDLC)**, Software Testing Life Cycle **(STLC)** and Bug Life Cycle **(BLC).** And QA methodologies including **Waterfall** and **Agile** methodologies to ensure appropriate **Quality Control**.
* Excellent working experience in all phases of SDLC: Requirements Gathering, Analysis, Design, Development, Testing, Implementation (Production) and Maintenance Support (Post Production).
* Experience in preparing Test plan, Test cases, Traceability matrix, Test documentation and reports.
* Expertise in working with **Manual** and **Automated testing tools**: **SOAP Scope, SOAP UI, IBM RIT (GreenHat (GH) Tester), Clear Quest and Quality Center HP ALM11, CALT**.
* Good experience in creating, modifying and enhancing both manual Test cases and Test Scripts created in **Selenium WebDriver** with **Test NG** and **JUnit** frameworks.
* Experience with Bug tracking system **JIRA** and **Bugzilla**.
* Expertise in various testing methodologies like Black box testing, White box testing.
* Working knowledge of **SOA**, **Web Services**, **Web Services Definition Language** (**WSDL)**, **SOAP**, **XML** and **XML** Spy.
* Experience in **Automation**, **Integration** (CIT/SIT/UAT), **Installation**, **Smoke**, **Regression**, **System**, **GUI**, **Adhoc**, **Incident**, **Recovery**, **Cross Browser** and **Compatibility** Testing.
* Good Experience in **"Behavior Driven Development" (BDD)** and **Test Driven Development (TDD).**
* Proven knowledge in automated web application testing using BDD style programming using selenium web Driver.
* Experienced in Design, Develop, Execute and Maintain Automated Test Scripts using by BDD and TDD Testing framework using Cucumber, Java, JUnit.
* Testing the Functionalities using **Black Box** testing technique. Excellent knowledge and working experience in test execution and test results analysis.
* Extensively Used **Mercury Quality Center** and **JIRA** to create Test cases and report **Bugs** in Defect Module.
* Involved in implementing Test Automation framework for retail applications using **HP QTP** tool.
* Automate new business processes in **QTP** using VB Script.
* Having good knowledge in basic **XML**, **SQL** and **VBS** commands. And has complete knowledge of **Defect Life Cycle**.
* Fair Hands-on experience using **Xpath** functions and page object model. Experience with Jenkins integration for continuous integration.
* Proven ability in designing and creating automation frameworks for **J2EE** based applications using **Java**, **JUnit/ TestNG**, Selenium **WebDriver/IDE/Grid, ANT/Maven and Jenkins**.
* Using **Spring** Framework written **Java Coding** for **API** Testing using Post. Performed **Java Web Services** testing for **REST API** Calls. Performed **API Testing** using **Rest Client** and **SOAP UI**.
* Written coding in **Perl** to perform file upload, mail trigger, file download and report generation.
* Worked with **Unix/shell** scripting for caching data from **Oracle** database to **MySQL** database.
* Experienced in Writing Selenium WebDriver automation scripts in JAVA for highly transactional E- commerce websites.
* Worked on multiple **Adhoc** requests asked by other teams and vendors.
* Involved in Test designing by preparing High Level Scenarios & Test Cases by verifying **BRD’s & HLD’s.**
* Experience in **Data Driven Testing**, **Cross browser** testing and **Parallel** Test Execution using **Selenium WebDriver, TestNG and Selenium Grid.**
* Backend testing using **SQL Queries**. Involved in creating the Scenarios for single and multi-user test. Expertise in Data driven testing, **Back-End testing**.
* Systematic Understanding of **Unix/Linux/Windows** Environment.
* Flexible and versatile to adapt any new environment and work on any projects independently when needed.
* Mentored new team members for knowing the process and leading them in various situations to meet the deliverables on time.Zeal to learn new technologies and undertake challenging tasks.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Automation Testing Tools | Selenium 2, Selenium WebDriver/RC/Grid/IDE,HP QTP 10.0, JMeter |
| Languages/Frameworks | JAVA, Selenium WebDriver API, JUnit, TestNG, Maven, SQL. |
| Test Management Tools | Quality Center/ALM |
| RDBMS | Oracle, MySQL |
| Continuous Integration Tools | Jenkins, Sauce labs |
| Web Technology | HTML, CSS, Java Script, XML |
| Operating Systems | Windows, Mac OS, UNIX |
| Versioning Systems | CVS, SVN, GitHub |
| Miscellaneous Tools | MS Office Suite, IE/Firefox/Chrome/Safari, Firebug, Firepath |

**PROFESSIONAL EXPERIENCE:**

**Company: ADP Inc., Roseland, NJ Mar 15 – PRESENT**

**Project: ADP Work Force Now**

**Description:** ADP’s WFN is a cloud-based Human Capital Management (HCM) solution that unites HR, payroll, talent, time, and tax and benefits administration. WFN offers powerful analytic capabilities to aid management.

**Role: Sr. Automation Engineer/SDET**

**Responsibilities:**

* Performed agile testing, review the stories and participated in Daily Scrum, Iteration Planning and Release Planning meeting and used Rally Tool.
* Participated in all phases of the Software Testing Life Cycle (STLC).
* Involved in the design and development of test plan from business and Functional requirements which includes test objectives, test strategies, test environments etc.
* Analyzing the business requirement documents and functional specification documents and create the mapping and migration analysis documents for data migration.
* Performed Black box testing, White box testing, Grey box testing, GUI Testing, Unit testing, Integration testing and System testing.
* Involved in White Box Testing with the help of developers and viewed the source code with the help of Rational Rose.
* Utilized Hewlett Packard Quality Center (ALM) to support testing effort for defect tracking based on software requirements.
* Executed automation scripts (QTP/UFT) and integrated QTP with QA/ALM for Test Case Execution.
* Creation and maintenance of Test Plans, Test Suites and Test Cases using MTM and TFS.
* Rebuilding and modernization of high load classified advert platform on Amazon Web Services (AWS).
* Worked on Amazon AWS tools, such as Lambda, S3, SNS/SQS, and their python interfaces.
* Generate the Bug (defect) Report, track or monitor the status of each bug (Open, fixed and New) and analyze the bug used MTM, Visual Studio, TFS, Quality Center, JIRA, BUGZILLA.
* Created TDD and BDD automated test scripts using Selenium Web Driver.
* Analyzed BDD requirements provide testing scope and proposed the testing methodologies.
* Participated in peer review with team and developers to review test cases/test scripts.
* Performed System, Integration, Smoke, Sanity, Functional, Back-end, Positive and Negative and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Regression testing was performed after each build release of the application and updated the Scripts by executing the Regression suites built using Selenium and approve for regression suit.
* Created Selenium Test cases for automation using Selenium Web Driver and Java.
* Used Hybrid Framework of Selenium to get data from Excel.
* Parallel, Cross - Browser Testing using Selenium Grid and TestNG.
* Performed back end testing by writing and executing SQL queries to validate that data is being populated in appropriate tables and manually verify the correctness of the data with front-end values.
* Interacted and worked with the development team to analyze the defects and reported them in Quality Center and tracked them for closure.
* Interacted with users by conducting User Acceptance Testing (UAT) to ensure that the total functionality of the application was met by complying with all the business requirements.
* Developed build and deployment scripts using MAVEN as build tool and automated the build and deploy processes using Jenkins to move from one environment to other environments.
* Installed and configured Jenkins for continuous integration and performed continuous deployments.
* Used JIRA for writing, executing test cases and defect tracking.
* Interacted with the Development team and the Environment team in prioritizing the defect list and validating known as bug fixing using different tools like JIRA.
* Participated in weekly QA status and project status meetings to report any defects and issues encountered in application.
* Manage defect tracking tool like HP Quality Center and JIRA.
* Followed Quality Assurance Process for Online Banking credit card application (Agile, ATDD, TDD, BDD).
* Actively communicated with the end users and business users to create realistic test cases.
* Provide test summary documentation and analyze test results, identifying trends and/or root causes of problems.
* Developed training materials, system maintenance and operating manuals for the QA environment and used the same to train the users.
* Establish business continuity through Knowledge Transfer and mentoring of new resources.

**Environment:** Java, J2EE, Selenium IDE/Web Driver/ GRID, HP Quality Center (QC)/ALM 11.5,Web Services, JIRA, SOAP, REST, TEST NG, HTML, Java Script, CSS, HP Quality Center, Agile Methodology, SQL, Oracle.

**Company: Daimler Trucks North America, Portland, OR Jan 14 – Mar 15**

**Description:** Daimler trucks are a truck manufacturing company in America. The key responsibilities involved were developing key components for the Diagnostic Trouble code repository. There were several tools to be developed as per the requirements of the client. Some of the tools developed were a Time Management Tool which would help the supervisors to keep track of all the workers and their efforts, Development of a Search Tool that allow the users to search through and know about all the on-going projects in the company and the personnel involved in it.

**Role: Automation Tester/SDET**

**Responsibilities:**

* Involved in analyzing Business Requirement Document and Technical Specification Document and developed test plan and test cases for testing the application.
* Used Agile Scrum methodology development process.
* Extensively used Selenium Web Driver to add more flexibility in automation testing cases.
* Responsible for creating Functions, Test Data and Test Suite.
* Worked on several modules testing in the re-platform project like customer migration, inventory full and delta feed updates to demand ware, product feed updates etc. on UNIX Environment.
* Defect finding and reporting through Microsoft Test Foundation Server and JIRA.
* Involved in performing Black Box Testing.
* Identified defects and monitored resolution via defect tracking tool QC/ALM.
* Analysis of application requirements and entering of requirements into HP QC/ALM.
* Performed all phases of Testing Methodologies that included User Acceptance Testing, Functionality Testing, Regression Testing, Integration Testing, Black Box Testing, White Box Testing, System Testing Stress Testing, Performance Testing, Interface Testing, Alpha Testing, Beta Testing, End to End testing.
* Perform all phases of testing, including system, integration, volume, and user acceptance testing using MTM, Visual Studio, and TFS.
* Created bug or defect during execution test cases and reported or assigned defect through MTM or Visual Studio on TFS.
* Used SoapUI for API testing both SOAP and REST protocols in different web services, and wrote Xpath/XQuery language codes to add various assertions for the test.
* Worked on TDD, BDD and ATDD, Microsoft Dynamics CRM, Similar experience in Selenium Web Driver (Maven, Jenkins), SOAP UI, Rest API Testing, AWS) through Programming language XML, C, Java, C#, Asp.Net 3.5, SQL, PL/T-SQL, Cucumber (ruby)
* Using Spring Framework written Java Coding for API Testing using Post. Performed Java Web Services testing for REST API Calls. Performed API Testing using Rest Client and SOAP UI.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites.
* Responsible for architecting the testing Framework using Selenium and other different kind of API from scratch.
* Responsible in executing Selenium test scripts on different browsers and checked for compatibility.
* Responsible in writing Regression test cases and automated testing using Selenium WebDriver.
* Identified the bottleneck by running the scenario under various numbers of users and reported the issues by using HP ALM.
* Performed the Back-End integration testing to ensure data consistency on front-end by writing and executing SQL statements.
* Responsible for performance testing using JMeter.
* Used JOINS on the tables to retrieve information from different tables in database to check the database updates on a regular basis using SQL queries.
* Responsible for Regression testing after bug fixes and verified those fixes.
* Involved in monitoring, maintaining, stabilizing of automated jobs using Jenkins.
* Provided client support by analyzing day to day requirements and generating reports by executing queries based on the requirement.

**Environment:** Selenium WebDriver, HP Quality Center 11.0 (QC)/ALM Eclipse, Java, TestNG, Maven,JIRA, Oracle SQL Server, SOAP UI, JMeter, Jenkins, HTML, XML, Windows, Solaris, CVS.

**Company: The Hartford Financial Services Group, Inc, CT Aug 12 – Dec 13**

**Description:** Hartford is an Investment and Insurance Company. ADAPT a tool build for underwriters to estimate the risk of property and liability. Application connects to an array of databases to provide an extremely cost effective tool to validate patient demographics and verify insurance eligibility in real-time conforming to HIPAA standards for claims processing.

**Role: Quality/Automation Engineer**

**Responsibilities:**

* Analyzed business requirements and participated in design reviews.
* Reviewed the Functional Requirement Documents, Test areas and the Functional Specifications of the application.
* Reviewed the project documents like Project Definition Document (PDD), Software Architecture Document (SAD), batch specification documents.
* Developed test cases to cover overall quality assurance testing.
* Identified defects and monitored resolution via defect tracking tool QC/ALM
* Used HP Quality Center (QC)/ALM and JIRA for reserving, executing test cases, defect tracking, and the complete test management.
* Performed Black Box and White Box testing to ensure that the functionality of the application matched with the Business requirements.
* Participated in Agile software testing process with regular QA meetings to discuss testing issues.
* Developed test automation scripts using Selenium WebDriver as part of regression testing of the various releases of the application and updated the script as part of maintenance.
* Extensively used Selenium API and WebDriver to test the web applications.
* Responsible for creating Functions, Test Data and Test Suite.
* Responsible for creation and execution of Selenium test scripts on different browsers.
* Experienced in functional testing using Selenium IDE and WebDriver using JUnit testing framework.
* Performed manual testing of each build and then regression testing on each builds using WebDriver.
* Developed data driven test scripts to check the same functionality with multiple sets of data.
* Used Quality center to log, track and close defects as and when developers provided fix.
* Performed database verifications using SQL queries to validate test data.
* Performed Smoke testing , Functional testing, GUI testing, Database Testing, Data Driven and UAT.

**Environment:** Selenium-RC, WebDriver, HP Quality Center 10.0(QC)/ALM, Eclipse, JUnit, MS SQL Server, SOAPUI, Java, XML, Quality Center, Windows, Solaris, SVN.

**Company: Prosoft IT Services Inc., Rochester, NY Oct 11 – Aug 12**

**Project: National Pricing System [NPS]**

**Description:** National Pricing System (NPS) application enables purchasers to choose from a list of plans available for a product. Each plan has a group of benefits that a member is entitled to. NPS is a pricing system designated to generate rates for the plans the purchaser desires to buy. It also generates rates for renewing contracts, and supports the workflow management process in the pricing department. NPS generates series of reports for the pricing department users’ responsibilities.

**Role: Automation QA Engineer**

**Responsibilities:**

* Reviewed Business Requirement Documents and Technical Specifications.
* Prepared Test Data based on requirement document of the application.
* Involved in preparing detailed Test Plans and executed the Test Cases.
* Prepared Requirements Traceability Matrix to ensure the progress on a regular basis.
* Worked with the test executive team, the project management deliverables for the test component of the project activity.
* Performed manual testing on different modules of the application by entering positive and negative values to the application and updated test case document with results.
* Involved in Sanity Testing, GUI Testing, Functional Testing, Regression Testing and Database Testing.
* Created SQL queries to verify the data from database.
* Coordinated with the user to execute User Acceptance Testing.
* Defects were tracked and prioritized using Quality Center and analyzed the variation between expected and actual results.
* Developed QTP scripts for various reports.
* Created VB scripts for regression testing using QTP.
* Ensures that the existing functionality is working properly by performing regression testing with QTP Scripts.
* Involved in business meetings with developers and other testers.
* Performed analysis on existing code base to validate against business requirements, coding guidelines.
* Responsible for performing static and dynamic analysis of the software module.
* Responsible for generating test reports, defect tracking.
* Responsible for recommending necessary changes and modifications to program developers.
* Implemented procedures to improve productivity and quality.
* Conducted training programs and mentored team members for an observed increase in performance
* Performed Test Case reviews and monitored Test Execution.
* Participated in regular QA Team meetings and discussions.
* Generated Bug reports and participated in Defects Meeting.

**Environment:** Java, Oracle, HP QTP 10.0, HP Quality Center, SQL, Windows, MS Office.

**Client: Telenor – Oslo, Norway. July 08 – Sep 11**

**Project: ESS – Emergency Systems Support**

**Description:** In Norway, in order to respond to emergency calls (112 – police, 110 -fire department), PSAPs (Public Safety Answering Points) Emergency Centers have been setup all over. The 'NRDB Emergency Call Positioning System' has been set as a single point for location requests for Emergency Centers. Worked on the improvising the existing ESS platform which is a highly critical system for Telenor because of social commitment and legal obligations by using more efficient queries.

**Role: Quality Analyst/ Java/J2EE Developer**

**Responsibilities:**

* Involved in analysis, design, and implementation of software applications including coding, code reviews, Junit testing and prepared and executed Unit Test Cases.
* Experience in using Metro platform standards which are used in improvising Emergency Systems support platform that acts as one stop shop for all Emergency centers in Norway.
* J2EE Architecture was implemented using Struts based on the MVC pattern.
* Implemented the different UI Components like Data-tables, Calendar etc. in JSF components.
* Extensively used PHP as a scripting language for the web development.
* Developed Use Case Diagrams, Class Diagrams & Sequence Diagrams using Rational Rose.
* Developed the user interfaces using JSP embedded with JSTL based on MVC architecture.
* Used XPATH in custom parser for subscript logic.
* Interacted with Web Services using SOAP using HTTP through XML serialization.
* Developed an Ajax framework for rapid development of Rich Internet Application access to databases.
* Created functional specification documents, UI prototypes, and Unified Modeling Language (UML) diagrams.
* Created Java Servlets, deployed as EAR file, connected to SQL server database using JDBC.
* Developed the business logic using Java Beans and Session Beans, built customer tag handlers and description library, developed Event Logging & Error Reporting application using Servlets.
* Developed view pages and JavaBeans (JSP, JavaBeans, HTML) and a system to access to legacy system database (JDBC).
* Designed dataflow system, divided dataflow to modules, defined function and interface.
* JBOSS server was used for deploying, ANT script is used to create WAR and EAR files.
* Used Log4J for logging Framework and Junit for unit testing.

**Environment:** J2EE Servlets, PHP, AJAX, JDBC, Struts, XML, WebLogic, Oracle Database, XML Schema, XSLT, XSL, DTDs, JSTL, JSP, JSF, ANT, Core Java, JBOSS and Metro Platform Standards.