**Mritunjay Kumar Jayaswal**

**mritunjayjayaswal80@gmail.com**

**(805) 557-8042**

**Summary:**

* Over 7+ years in Information Technology as a **QA Engineer/Analyst** with experience in analysis, design, development and testing of **Client/Server** and **Web Based** Applications.
* Strong Knowledge and experience of all phases of **SDLC** (Software Development Life Cycle), and **QALC** (Quality Assurance Life Cycle).
* Experienced in **SQA** (Software Quality Assurance) including Manual and Automated testing with tools such as **Selenium RC/WebDriver/IDE/Grid, HP Quick Test Professional** and **Junit/TestNG**, **Load Runner, Quality Center, JMeter, JIRA, SOAPUI** and Version One.
* Expert on **Selenium** Automation using **WebDriver**.
* Proficient in using **SoapUI/Postman** for testing **Web Services** and used various types of assertions such as soap fault, Contains, XPath etc.
* Expertise in functional testing **AUT** using **Selenium** **IDE** and **Selenium** **WebDriver** using **JUNIT** unit testing framework.
* Expert in writing **QTP** scripts from scratch by using Descriptive Programming and developing Libraries, Functions in VBScript to build Automation Frameworks.
* Experience in testing automation framework based on **BDD** approach built using **Specflow**, **Cucumber**, **Java**, **C#** and **Gherkin** Language.
* Expert in integrating Automation scripts **(Selenium WebDriver API)** on Continuous Integration tools **Jenkins** for nightly batch run of the Script.
* Experience in Black Box testing, Functional Testing, System testing, Integration testing, Regression testing, Behavior Driven Testing (**BDD**), Data Driven testing, Back End and Front-End testing and User Acceptance testing.
* Experience in applying Testing Methodologies, creating Test Plans, Executing Test Scripts, Automation of Test Cases, Defect Tracking and Report Generation.
* Extensive experience in designing Test Cases, Test Scenarios, Test Scripts and Test reports of manual and automated tests.
* Experience in Performance Testing of **API** and Web applications using **LoadRunner** and **JMeter**.
* Expert level knowledge in all modules of Quality Center (Requirements, Test Plan, Test Lab, Dashboard and Defects).
* Demonstrated ability to work on Work Flow Diagrams, Entity Relationship Diagrams, and Data Flow Diagrams.
* Experience in bug reporting tools like **TFS** and **JIRA**.
* Well versed in different management scenarios like Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.
* Good programming skills in **C#, Java, Oracle, SQL, PL/SQL** and experience in **SQL Server**, Access and Oracle Databases.
* Proficient in using basic SQL queries to perform backend testing for data integrity.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.

**Technical Skills:**

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| **Languages** | Java, C#, HTML/XHTML, XML, JavaScript |
| **Testing Tools** | Selenium WebDriver, Cucumber, Specflow, SOAPUI, Postman, LoadRunner, JMeter |
| **IDE** | Visual Studio, Eclipse, SQL Developer |
| **Web Debugging Tool** | XPath, XPather |
| **Databases** | Oracle, SQL Server, MS Access |
| **Browsers** | Internet Explorer, Firefox, Safari, Google Chrome |
| **Test Framework** | NUnit, Junit, TestNG |
| **Operating Systems** | Linux, Windows, Mac |
| **Other tools** | SourceTree, Bitbucket, GIT, TFS, VSTS |

**Professional Experience:**

**Target Corporation - Minneapolis, MN**

**SDET/QA Engineer**

**May 2017 – Present**

**Responsibilities:**

* Developed test cases for various scenarios based upon requirements, designs and specifications.
* Attended daily **Scrum** Meetings with the Team Lead and Developers and executed daily tasks based on the **Agile** Methodology.
* Developed and executed Test Suites and Test Scripts based on the requirement documents and using Test Manager.
* Executed test cases manually and verified actual results against expected results.
* Detected, Reported and Tracked bugs using Test manager.
* Performed Sanity, Functional, Negative, **Regression**, System, Integration, End to End and Backend testing.
* Participated in requirements reviews, design reviews, test plan and test case review.
* Worked with **Team Foundation Server (TFS)** for version control, source-control, bug reporting and project documents.
* Participated in **BDD** (Behavior Driven Development) approach using **NUnit, Gherkin, Selenium Webdriver** and **Specflow.**
* Updated regression test cases in **Selenium WebDriver** using **C#** programming language.
* Used **XPath, CSS Selector, ID, Name, Link Text locators** to identify objects.
* Used **Selenium** Support library to perform different actions in the web page.
* Modified test plans in accordance with changing requirements.
* Created and executed **SQL** statements to verify the data in the backend.
* Utilized Test Manager for managing software testing process including planning tests, executing tests, defect tracking and reporting.
* Worked on software **Verification and Validation** manually and use Assertions for automation.
* Integrated Automation scripts in Continuous Integration tools (**Jenkins**) for nightly batch run of the Script.
* Tested REST based web services and api using **Postman.**
* Wrote scripts in **C#** to automate web services and **API** testing.
* Developed and executed **SQL** joins to validate the results in Web Services and Front end with Database.
* Handle High severity issues on priority.
* Responsible for weekly status updates showing the progress of the testing effort and open issues to be resolved.
* Attended review, defect and go no-go meetings.

**Environment:** C#, Selenium Webdriver, Postman, Specflow, NUnit, Jenkins, MS Test Manager, Visual Studio, TFS, .NET, SQL, MS Excel, MS Visio, Agile.

**Lowe’s Companies INC - Mooresville, NC**

**SDET/QA Selenium Tester**

**Sep 2015 - Apr 2017**

**Responsibilities:**

* Conducted user acceptance testing to ensure that developed systems satisfied the needs of business clients as specified in the functional requirements.
* Designed developed and implemented user acceptance testing **(UAT)** protocols as the final phase of application development.
* Captured and tested all modifications to proposed functional requirements.
* Implemented automation using **Selenium WebDriver**, **JAVA**, **TestNG,** **Selenium Grid**, **Cucumber**, **Maven**.
* Implemented Page Objects framework, **Hybrid** framework and Page classes from scratch to represent web pages.
* Tested web services and **RESTful** api using **Postman**.
* Developed **Keyword Driven** and **Data Driven** frameworks to retrieve test actions, test data from Excel files and SQL Databases.
* Configured **Maven** for **JAVA** automation projects and developed Maven project object model (**POM**).
* Used **JMeter** for performance testing/load testing.
* Used **Maven** to execute **Selenium** automation suites on different platform, browser combinations in parallel.
* Developed **BDD** tests using **Cucumber and TestNG** by writing behaviors and step definitions.
* Used **CI/CD** for standardize environment and common language and version stacks using **Jenkins**.
* Developed required Selenium support code in **JAVA** for **Cucumber**.
* Wrote **SQL** queries on **Oracle** Database extensively, queried database and generated test reports.
* Performed Purchase Orders Database testing by developing SQL scripts to run on Oracle.
* Performed Defect Tracking & Management in **JIRA**. Generated automated daily reports using **JIRA** API.
* Worked in a highly dynamic **AGILE** environment and participated in scrum and sprint meetings.
* Performed Test Driven Development (**TDD**) using Amazon Web Services (**AWS**).
* Extensive experience in testing api using manual and automated approach.
* Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and **JIRA** reports.
* Identified weaknesses in QA Processes, Web testing, **Selenium** Automation. Suggested & implemented improvements.

**Environment:** Java, Selenium Webdriver, Oracle, Cucumber, BDD, Jenkins, TestNG, Maven, JMeter, SQL, Jira, Selenium Grid, UAT, AWS, POM, Postman

**Ventana Medical Systems - Tucson, AZ**

**QA Engineer/SDET**

**Apr 2014 – Aug 2015  
  
Responsibilities**

* Worked closely with developers and other **QA** members to define test requirements and developed test cases based on the Business requirements and System requirements.
* Responsible for design and development of requirements collected from the customer.
* Prepared test plans to identify test strategies and resource.
* Developed Automation scripts for new enhancements using **Selenium Webdriver** and **Junit**.
* Defined test automation strategy, designed automated tests, created automated test cases, test plans and execute tests using **Selenium**.
* Responsible for setting up the framework and test environment.
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium**.
* Extensively involved in integrating **Selenium Webdriver** with existing API to test framework.
* Used **Selenium GRID** to execute test cases parallel on different target machines.
* Worked on developing the automation scripts for back-end testing using **Selenium** and executed the **Junit** tests.
* Used **Cucumber** for **BDD** approach testing.
* Involved in executing all **Selenium** test scripts on different browsers and checked for compatibility.
* Involved in System-wide Integration, regression and Load testing.
* Performed active regression, load, stress, volume and performance testing.
* Worked in Manual and Automated testing of applications on Windows and **UNIX / Linux** Environment.
* Verified database test results using **Toad**.
* Clearly documented all the test cases and executing methods and techniques and uploaded all the requirements.
* Worked closely with Business teams and participated in Business Acceptance Testing (**BAT**).
* Actively participated in status report meetings and interacted with other team members for technical issues.

**Environment:** Java, Selenium Webdriver, Junit, Cucumber, JavaScript, XML, HTML, Eclipse, PL/SQL, Windows XP.

**Safeway - Houston, TX**

**QA Tester**

**Jan 2013 - Mar 2014**

**Responsibilities:**

* Developed and executed the test scripts with **Selenium Webdriver** and **C#**.
* Within **Software Test Life Cycle (STLC)**, I have been involved both directly and indirectly with Test Requirement Identification, Project Setup, Planning Estimation, Test Strategy,
* Test Outline, Test Design, Test Plan reports, Automation, Test Execution, **Regression reports.**
* Followed Agile testing methodology, participated in daily **SCRUM** meetings and tested each SPRINT deliverable.
* Participated in **Test Planning** and Automation Effort estimations.
* Reviewed **Business Requirement documents (BRD)** and Functional Specifications
* Documents (FSD) to prepare Test Cases and identify Test Scenarios.
* Participated in daily scrum meetings to report daily progress of Automation activities and Sprint planning meetings.
* Involved in creation of Automation Framework that uses **C#** and **Selenium Webdriver** with **BDD** approach using **Specflow**.
* Executed test cases and test scripts for manual and automation testing.
* Used XPath, CSS Selector, ID, Name, Link Text locators to identify objects.
* Performed cross-browser testing and executed test cases on multiple platforms using **Selenium Grid**.
* Used **Team Foundation Server (TFS)** to open bugs, create tasks and user stories, initiate change requests and deploy applications.
* Responsible for updating and maintenance of existing selenium scripts.
* Used **Postman** for testing XML RESTful web services.
* Performed extensive Backend testing using SQL Queries to retrieve the data from the database and checked data integrity.
* Executed End -to- End test scenarios.
* Extensively involved in resolving bugs fixes with Development Team.

**Environment**: Selenium Webdriver, C#, Visual Studio, Postman, Web Services, RESTful, TFS, SQL Server.

**DexMedia - Dallas, TX**

**QA Analyst**

**Nov 2011 – Dec 2012  
  
Responsibilities:**

* Created and maintain test plans, testing schedule and report defects using Quality Center (QC).
* Executed and Debugged the Automated Scripts and conduct Peer Reviews using QTP.
* Execute Manual Test Cases by using positive and negative data inputs. Reported results and defects in TestDirector.
* Wrote and executed automated Data Driven Test using **QTP**.
* Analyzed the defects and coordination with the development Team to solve the problems using Defect tracking.
* Coordinate with Developers for defect analysis and performing Regression Testing.
* Test the data using SQL queries on the target data.
* Attended Analysis walkthrough meeting and analyze the Test process for bimonthly Release.
* Performed background testing in **UNIX** environment.
* Developed Test cases as per Test Plan and execute them as appropriate.
* Handle High severity issues on priority.

**Environment:** SQL, QTP, Quality Center, Agile, MS SQL Server, MS Office.