**Bhavika Viradia**

**QA Automation and Manual**

**SUMMARY**

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* Around 4 years of experience in both manual and automated Software Quality Assurance Testing of client-server, web-based applications, and Back-end testing.
* Experience in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) using Agile Methodology.
* Experience in design, development, and implementation of test automation framework using Selenium WebDriver and unit testing frameworks such as TestNG.
* Knowledge of implementing Behaviour Data-Driven (BDD) automation testing framework utilizing Java, Eclipse, Cucumber, and Selenium Web Driver.
* Knowledge of various types of testing like GUI testing, Web testing, User Acceptance Testing (UAT), System Testing, Integration Testing, Unit Testing, Black Box Testing, Manual Testing, Performance Testing, Documentation, and Reporting.
* Good knowledge in load and performance testing tool JMeter.
* Experience on Junit, TestNG framework for Unit testing, Maven, for Project building tool, Jenkins for Continuous Integration.
* Experience in designing Test Cases, Test Scenarios, Test Scripts, and Test reports of manual and automated tests.
* Good knowledge in working with HP ALM and JIRA for Test Management and defect tracking.
* Hands-On experience in Rest API testing using Postman Tool and Automation API testing using Rest Assured.
* Good knowledge in developing and executing Test Cases based on business, functional, and system specifications.
* Knowledge in writing test scripts and maintaining the object repository using the Page Object Model (POM).
* Knowledge of Required Traceability Matrix (RTM) to show the test coverage requirement and Test scripts.
* Good experience in Utilizing JIRA for issue tracking, user stories management, estimation, and backlog prioritization.
* Knowledge in performing database testing and working with SQL queries and database like MySQL.
* Good knowledge of source version control tool Git.
* Experience in testing on multiple operating systems including Windows, Linux, and macOS.
* Knowledge in Testing interactive User Interfaces, usability, web, and client/server applications using HTML, CSS, and JavaScript.
* Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.

**EDUCATION**

Master’s in Management Information Systems.

Concordia University Wisconsin, WI

**Technical Acumen**

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| **TECHNICAL ACUMEN** |  |
| Operating Systems | Linux, Windows, Macintosh |
| Cloud Platforms | AWS, Google Cloud |
| CI/CD Tools | Jenkins |
| Source Code Management Tools | Git, Bitbucket |
| Test Automation Tools | Junit, TestNG, Cucumber, Selenium Web driver, Rest Assured, Postman |
| Build Tools | Maven |
| Database Tools | MS SQL, MS Excel |
| Scripting Tools | JSON, XML |
| Programming Languages | Java |
| Defect Management Tool | JIRA, HP ALM |
| Other Tool | Tableau |

**EXPERIENCE**

**Humana, WI | Jan 2020 - Current**

**Role: QA Automation / Manual**

**Responsibilities:**

* Worked in an Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
* Developing automation scripts in BDD format using cucumber and proficient in writing cucumber scenarios.
* Implemented JUnit framework with Selenium for parallel execution, code maintainability, and generated reports.
* Developed test code in Java language using Eclipse IDE and TestNG framework.
* Performed defect reporting and bug tracking using JIRA and followed up with the development team to verify bug fixes, and update bug status.
* Used Maven for building the WebDriver project and integrated with Continuous Integration tool Jenkins for running a test on a scheduled basis automatically.
* Performed and executed manual test cases in different testing phases like GUI testing, Web testing, User Acceptance Testing (UAT), System Testing, Integration Testing, Unit Testing, Black Box Testing, Manual Testing, Performance Testing.
* Used Data Driven Framework to check the behavior of the application with different inputs as parameters using Selenium.
* Created test planning and participated in execution for API testing using Postman tool.
* Participated in API testing in Rest Assured Framework.
* Developed and deployed test Load scripts to do end to end performance testing using JMeter.
* Created Requirement Traceability Matrix (RTM) and, also updated the Requirement traceability matrix timely with the changes in HP Quality Center.
* Interacted with developers to resolve the problems while executing the test cases.
* Used Git to maintain and manage the build scripts, test data used, and other documents related to the project.

**Environment**: Agile, BDD, cucumber, Junit, Eclipse, TestNG, JIRA, Jenkins, JMeter, RTM, RESTful, Postman, Rest Assured, MySQL, Git.

**Integral Insight Technologies, India | Mar 2015 - Dec 2017**

**Role: QA Analyst**

**Responsibilities:**

* Involved in analysis, development, implementation, testing, and maintenance of the Complete Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) projects using Agile.
* Used BDD framework with Cucumber, Java, and created future files with the scenario, scenario outline files and step definitions.
* Responsible for planning, creating, and analysis of Test plans, Test cases, and Test Scripts.
* Worked on the cloud-based web application named ‘Review Management System’.
* Maintain communication with clients, gathering and analyzing their requirements.
* Evaluating business processes, translating business problem statement into analysis requirement.
* Prepared various analytical reports in Tableau by pulling data from SQL for internal & external use.
* Coordinated with developers and record defects in JIRA to track until they are resolved.
* Involved in preparing a report of all automation difficulties and test results for the further application using Maven.
* Using HP Quality Center to keep track of releases, test plans/test cases, defect logs, and test results.
* Reported software defects in HP ALM and interacted with the developers to resolve technical issues.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary and potentially execute Unit Test Automation (TestNG).
* Responsible for testing for RESTful API & Web services using Postman tool along with Rest Assured Libraries.
* Used Bitbucket as a code repository and Code Collaborator to manage code reviews.

**Environment**: SDLC, STLC, BDD, Cucumber, Java, Tableau, SQL, JIRA, Maven, HP ALM, Selenium, TestNG.