**Bibek Wagle**

QA Automation Engineer

**PROFESSIONAL SUMMARY:**

* Over 6 years of Experience in a fast-paced Agile environment as a QA with both Manual and Automated testing.
* Skilled in managing & controlling meetings and facilitating all levels of management/business owners, developers, QAs, stakeholders, business users and off-site teams in JADs, Brainstorm sessions, White Boarding, telephonic & web conferences using **WebEx/Go** to Meeting.
* Expertise in Testing using **Java, Selenium, Postman, HP ALM, QTP, JMeter and Appium.**
* Solid experience in **Building Automation Framework** and **API Testing** on **Rest Using Postman**
* Designed and maintained Test Environment in **Git** using **Selenium WebDriver, Selenium Grid**, **Cucumber (Gherkin), TestNG,** and **Java EE.**
* Well-versed in preparing effective **Test Plans**, **Test Data** and designing **Test Cases** for a variety of use cases for **E-Commerce** and **Web Application.**
* Knowledge of Mobile Testing using **Appium** in conjunction with **Selenium WebDriver** to test Native and Web based application.
* Extensive experience in using Automated tools like Ruby Cucumber test framework for Client/Server, Web and database applications
* Proficient in performing Functional, Regression, Back-end, and Browser Compatibility Testing using Manual & Automated testing tools in **Mobile, Web Application and Client-Server** **Application.**
* Extensive experience with **STLC** and **Bug Lifecycle Management** for reporting and tracking defects using **Rally, HP ALM, Quality Center** and **JIRA.**
* Worked on Automation framework with **BDD**.
* Highly experienced in **UFT-Descriptive programming writing scripts.**
* Created **SQL** queries for back-end testing to ensure data integrity and validity.
* Experienced in managing framework dependencies using **Maven** for setting up Test Environment.
* Version control system experience using **Git**.
* Experience in **Web Services Testing** such as **SOAP UI** **and RESTful API** using **Postman** in a data-driven testing framework and **Behavioral Development Framework (BDD).**
* Expertise in conducting performance testing of Web Application using **JMeter** and **HP LoadRunner.**
* Experience with **Continuous Integration** pipeline for running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running **automated** and **manual** **functional** tests.
* Prepared test scenarios by using Gherkin language in Cucumber.
* Strong knowledge of Software Development Life Cycle (SDLC) in **Agile and Waterfall** environments.
* Developed and executed **SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Testing Tools** | Selenium WebDriver, Selenium Grid, QTP/UFT, Appium, Postman, Cucumber (Gherkin), Junit, Maven, TestNG, Zephyr, Test Flight, Hockey App, Rano-rex |
| **Test Reporting Tools** | Rally, HP ALM, Quality Center, JIRA |
| **Operating Systems** | Windows 7/10, Linux (Ubuntu) |
| **DBMS** | SQL Developer |
| **Database** | Oracle, MySQL |
| **Test Framework** | JUnit, TestNG |
| **Performance Testing** | JMeter, HP LoadRunner |
| **Web Technologies** | HTML, XML |
| **Development Methodologies** | Waterfall, Agile (SCRUM) |
| **Programming Languages** | SQL, Visual Basic, JAVA/J2EE |

**Professional Experience**

**Great American Insurance, Cincinnati Ohio February 2019-Jan 2020**

**QA Automation,**

The project addressed insurance products including property, commercial auto, general liability, crime, inland marine and various other LOBs. Project implemented third party products like duck creek technologies to customize the company’s interest.

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using **Agile** methodologies.
* Extensively used UFT**-Descriptive programming** writing scriptsto create automation suite.
* Developed automation framework in **QTP/UFT** to automate test cases.
* Created and Combined test cases using **Orthogonal array testing** using **Pict** tool to minimize the number of test cases to cover maximum test coverage.
* Extensively used **Java, Groovy, Java-script** as programming language to write and maintain automation suites.
* Responsible for creating and maintaining automation acceptance test suite using Selenium, Ruby and Cucumber.
* Managed **N-CUBE** application to store data for **Data Driven Testing**.
* Developed automated testing suite in Postman for Rest API testing and Soap API testing.
* Involved in pushing the automated test code into **CI (Continuous Integration)** and monitored the test execution in **Jenkins** once the code pushed into CI.
* Proven success in establishment of agile test practices including acceptance test automation using Cucumber (ruby scripting) during acceptance test driven development methodology.
* Maintained Git repository for job files to run automated test cases via **Jenkins.**
* Assisted Downstream testers (Data testers) by creating automation suits and scripts for **Enterprise Data Warehouse (EDW**) and **Financial Data Warehouse (FDW).**
* Performed Regression and Integration testing using automated test suits and executed assertions.

**Environment:** Selenium WebDriver, TestNG, Maven, Jenkins, Java, Groovy, HTML, XML, Java Script, J2EE, Katalon, MS Excel, Windows, Groovy, MS Office.

**City Bank, Austin, TX September 2016 – January2019**

**QA Automation**

The project addressed financial services and products including retail banking, business, capital markets and corporate e-banking, mobile banking and web-based cash management of universal banks worldwide. Front end includes web pages such as login, virtual wallet, user profiles, user accounts, bill payment, viewing transactions.

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using **Agile** methodologies.
* Worked extensively with **HP Quality Center** for creating Test Cases, Test Design, Test Inputs, Test Logs, and Test Summary Reports.
* Worked Extensively in **Building Automation Framework and API testing on Rest Using Postman**
* Prepared documentation for assigned projects and followed software release procedures, requirements analysis using **HP ALM**.
* Wrote SQL queries for checking the Data Transactions and Database Integrity in both SQL Server and Oracle.
* Develop automated acceptance tests using technologies such as: Ruby, Cucumber, and Selenium.
* Developed **Selenium WebDriver** test cases using Java, TestNG framework.
* Performed Regression and Integration Testing using **TestNG** framework and executed assertions.
* Involved in debugging, reporting and fixing automation RUBY script failures in Selenium WebDriver.
* Automated regression test cases using Java in executing Selenium test scripts on different browsers and checked for compatibility.
* The entire Ruby scripting done using Cucumber Framework Wrote and executed SQL queries to verify the data updates to various tables and ensure data integrity.
* Developed new and updated existing Automation test cases using **Selenium WebDriver** and **TestNG**, using **Git** as SCM for java-based web application, using Maven as Build tool.
* Involved in pushing the automated test code into **CI (Continuous Integration)** and monitored the test execution in **Jenkins** once the code pushed into CI.
* Developed automated testing suite in SOA test and **Postman** for Rest API testing.
* Prepared Test status reports for each stage and logged any unresolved issues into Issues log.

**Environment:** Selenium WebDriver, TestNG, Maven, Jenkins, Java, Java script, Groovy HTML, XML, Java Script, J2EE, Oracle, MS Excel, Windows, UNIX, MS Office.

**Liberty Mutual, Atlanta, GA March 2015 – August 2016**

**QA Automation**

This project was an online banking application consisting of various modules like personal Banking, Loan Locking, Pricing, Withdraw, Extend Load Expiry, Funding, Closing, Mortgages, Re-finance, Investment banking, stocks, bonds, Mutual funds, insurance and portfolio/wealth management. It also generates reports based on clients’ loan status like loans missing, collateral documents, loans purchased, loans pending settlement review, loans not cleared for settlement.

**Responsibilities:**

* Maintained and combined Continuous Integration Development/Delivery with Testing Process by creating **Jenkins** jobs and Maven projects.
* Used **Appium** tool, for mobile testing in Android, IOS and other mobile applications.
* Designed, developed and implemented Keyword Driven automation testing framework utilizing **Java,** **TestNG** and **Selenium WebDriver**.
* Created Test plan, High level scenarios, test case construction and test estimates, resource estimates and weekly status reports.
* Performed Data driven testing using **Selenium WebDriver, TestNG functions and JDBC Connections** which reads data from scripts using property and **XML** files.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Developed **Maven** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* Contributed to the **Continuous Integration** pipeline running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running **automated** and **manual** **functional** tests.
* Created data-driven automation scripts for testing **API Web Services** using **Postman.**
* Testing a complex Web based application with backend validation using**Postman.**
* Used Quality Center for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
* Implemented simulator for **Mobile App** Testing in Android Platform using **Appium.**
* Developed and executed **SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.

**Environment:** Java, Selenium WebDriver, Maven, Jenkins, Appium, Cucumber, TestNG, Page Object Model (POM), Eclipse, Git, XML, HTML, Git, Agile, Oracle, Windows.

**Johnson Control, Milwaukee, Wisconsin March 2014 – February 2015**

**QA Automation/Manual**

**Responsibilities:**

* Maintain **Java** based Test automation framework including **Selenium WebDriver, Selenium Grid, TestNG, Maven, Jenkins** etc.
* Expertise in using Selenium Grid to run test scripts on different platforms and against different browsers in parallel to save time.
* Applied **Page Object Design** Pattern for writing automated tests in **Java**.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Expertise in grouping of test suites, test cases and test methods for regression and functional testing using **TestNG** Annotations like Groups, Parameter, Data Provider and Tags.
* Configured Jenkins jobs to run automation builds by pulling code from repo and building project code through **Maven**.
* Utilized **Apache POI** jar file to read test data from the excel spreadsheets and load them into required test cases.
* Created synchronization points by adding **Explicit and Implicit Waits** in the application to deal with timing problems.
* Performed Data driven testing by getting the data from excel sheet and automated multiple endpoints with various data sets and generated the reports.
* Extensively worked on test cases involving validation of data at all levels including field level validators and UI validation.
* Performed Black Box Testing, UAT Testing and extensively used Selenium for Regression, Smoke, Functional Testing and data driven testing using excel files.
* Defects were tracked, reviewed, analyzed and compared using JIRA.
* Used an Agile model of development life cycle (SCRUM). Used selenium with java, frameworks, design approaches, and various effective implementation techniques.

**Environment:** Selenium WebDriver, TestNG, Maven, Jenkins, JIRA, Java, HTML, XML, Java Script, J2EE, Oracle, MS Excel, Windows.

**Educational Background and Certification**

* Bachelors of Science and Engineering from University of Wisconsin-Milwaukee(2014)
* Six-Sigma green belt certified