**Debesh Adhikari**

**Sr.QA Automation Engineer**

**Professional Summary:**

* Over 5years of QA experience in Expertise in functional testing Application Under Test (AUT) using Selenium IDE and Selenium Web Driver using J unit/TestNG testing framework.
* Experience in Manual and Automation Testing of Web Services/Mobile Apps, Client Server and Web based Applications in different domains using QTP, SOAP UI, ALM and Selenium.
* Hands on experience in Quality Assurance including Functional, System, Smoke, Regression, and Integration, User Acceptance Test (UAT) and Compatibility Testing of Web and Client server based Applications.
* Experience in all phases of Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle and Methods like Waterfall and Agile.
* Good knowledge on Healthcare, Banking, Logistics, Public and E-commerce domains.
* Expertise in Manual Testing and Automation Testing and Service Oriented Architecture.
* Proficient in Java and have sound knowledge on OOP (Object Oriented Programming) concept.
* Experienced with SOA, Web Services, SOAP, Soap UI, RESTFUL, WSDL technologies.
* Exhaustive Experience in Designing & implementation of Automation Frameworks including TDD, BDD, data driven, keyword driven, and hybrid using Selenium Web Driver, C#, JavaScript.
* Used Eclipse IDE to develop & debug the code.
* Experienced in using Rational Robot in Functional Testing.
* Experienced in using Test Management tool Quality Centre.
* Strong knowledge in object oriented analysis and design of PERL.
* Good experience in developing Perl scripts to verify functionality and performance of the modem chipsets for all modes of UE.
* Experience understanding the code written in different programming languages VB Script, Java Script and databases like Oracle, SQL Serb APIver.
* Extensive experience in using Automated tools like Ruby Cucumber test framework for Client/Server , Web and database applications.
* SOA Testing, Validation and Virtualization, Extended Web Services Tests in a Low -impact way using CA LISA.
* Ability to document and track defects as well as produce detailed reports using defect-tracking tools such as JIRA.
* Proficient as Mobile App Tester in testing Web applications and Mobile applications on IOS and Android Platforms.
* Expertise in using Rational Robot to record, execute and edit functional regression tests.
* Built JavaScript based test framework using cucumber js, web driver io, node.js, angular.js.   
  Good knowledge on Groovy scripting.
* Experience in multiple version control tools like GIT, CVS, SVN.
* Involved in setting of QA Test environment with simulated POS test environment.
* Knowledge of Agile methodology along with Automation Tools and Protractor.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium RC/Web Driver/IDE/Grid, HP Quick Test Professional and Runner and J unit/TestNG, Load Runner.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Centre, JIRA, IBM Clear Quest, Bug Zilla.
* Developed test scripts to automate process of testing in Protractor Web Driver JS.
* Created and Maintained Server side Integration Test using Python and Selenium Web driver.
* Experienced in load and performance testing tool JMeter.
* Experience in Black box testing with a complete QA cycle from testing, defect logging and verification of fixed bugs.
* Excellent analytical, problem solving, communication and interpersonal skills along with a good attitude for learning.

**TECHNICAL SKILLS**:

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| **Test Approaches** | **Waterfall, Agile/Scrum, SDLC, STLC** |
| **Testing Tools** | **Selenium WebDriver, TestNG, Selenium IDE, Selenium RC, Selenium Grid, JUnit, JMeter, Locust, TestNG, Auto-it, Cucumber, SoapUI, QC, QTP, ALM** |
| **Test Build & Integration Tools** | **Maven,Jenkins** |
| **Frameworks Keyword Driven** | **Data Driven, Hybrid, Page Object Model (POM)** |
| **Programming Languages** | **CSS, JAVA-J2EE, SQL, C, C++, .Net, C#, Python, Mainframes** |
| **Databases** | **MySQL, Oracle, SQL Server, Teradata** |
| **Browsers** | **Internet Explorer, Mozilla Firefox, Google Chrome, Safari** |
| **Defect Tools** | **JIRA, HP Quality Center** |
| **MS Office Tools** | **Outlook, Word, Excel, PowerPoint, MS Access, Microsoft Project** |
| **Utilities** | **Eclipse, GIT, Firebug, Fire Path.** |
| **testing** | **Mobile testing tools Appium.** |

**Professional Experience:**

**Country Financial, Bloomington, IL Apr 2016-Till Date**

**Sr.Automation Engineer**

**Responsibilites:-**

* Used Agile to fetch data from MySQL database in Data driven testing.
* Worked on behavior driven development (BDD) approach using selenium-Cucumber to write and execute automated acceptance/unit tests with Ruby.
* Involved in implementing Test Automation Framework using Protractor with Jasmine.
* Interacted with developers and business Users to communicate the defects and actively.
* Participated in replicating the bugs and performed regression testing using JIRA.
* Worked with Source version control tool such as Subversion (SVN).
* Responsible for planning, executing and managing the UI Automation scripts written in AngularJS using protractor Testing Framework.
* Receive, execute, and reply to commands from within a UI Automation JavaScript program.
* Tested request and response XML's based Web Services interfaces using SoapUI.
* Involved in testing both SOAP and REST services using SoapUI and tested both XML and JSON formats.
* Publishing the application in production for Android platform using Perfecto tool.
* Create various builds and deployment in Jenkins with ANT.
* Created SQL Statements and UNIX/Linux Shell scripts to perform ETL testing on the oracle database.
* methodology (Scrum) to ensure the new features meet the customer requirements and acceptable quality assurance standards.
* Configured Selenium WebDriver, TestNG and created Selenium Automation scripts in Java prior to agile release.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Automation.
* Implemented Page Objects model (POM), Apache POI in WebDriver Scripts, Data Driven Framework using Selenium WebDriver, and Java. Unit Test.
* Development of the Automation scripts using Appium and Java for Mobile applications.
* Involved in performing manual testing (emulators & IOS Simulators) & Mobile Application Testing using Appium.
* Performed Functional, Integration, Regression Testing, Smoke Testing, White box/Black box testing for Mobile Application.

**Environment:** Java, Appium, Selenium WebDriver, Firebug, FirePath, SQL, iOS, JIRA, Oracle10g, Jenkins, SoapUI, JavaScript, Protractor, Cucumber.

**Novartis, Forth Worth, TX Sep 2014- Mar 2016**

**Automation Engineer**

**Responsibilities:-**

* Actively involved in all phases of Software Development Life Cycle (SDLC).
* Designed and developed test plan, test cases and automated test scripts.
* Involve in analyzing Business Level Requirements, and Manual testing methods.
* Involve in Validation of the modules of online banking which includes add external account, Balance transfer, Online Payment Management, Mortgage, etc.
* Performed smoke, functional, integration, system, User Acceptance Testing, regression and GUI testing.
* Developed test cases and performed integration testing of the combined software modules and tested as a group.
* Performed end-to-end testing considering all interfaces and subsystem for functional and non-functional testing.
* Worked with developers and Business Analysts to assess FRD.
* Analyzed Business Requirements and developed RTM.
* Followed up with the developers on defects status on a daily basis and generated reports for managements.
* Identified correct GUI elements using various Selenium Locators like ID, Name, Link Text, Partial Link Text, XPath and CSS to find the Web Elements using selenium and creating Automation scripts.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using Selenium WebDriver.
* Developed and executed Selenium test cases using Maven (Page Object Module) and Jenkins.
* Experience in using Selenium Web driver, Eclipse, Java and TestNG frameworks in creating test scripts, Annotation, Parameterization, Data providers, Test suites and HTML reports.
* Parallel running test scripts using Selenium Grid & get report in Local Machine.
* Use Jenkins as Continuous Integration Tool to integrate Selenium test results, and run Selenium Grid.
* Performed cross-browser testing for the web interface and mobile application using Selenium WebDriver.
* Generated the test reports using log file and snap shot.
* Responsible for performance testing (Load, Stress and Volume) using Jmeter (Controller, Virtual User Generator).
* Developed Load /Stress testing scenarios for performance testing using the Jmeter Controller by creating 1 to 300 virtual users.   
  Developed and executed complex SQL queries to validate test data.
* Activities in SQL Like select Index, insert, joining tables, aggregate functions, sub-queries, set functions, triggers, errors and views.
* Generated status reports and Defect reports and presented them in weekly status meeting.
* Communicated with different team such as development, requirement, and configuration management.

**Environment:** HP QC/ALM, JIRA, Selenium IDE, Web Driver, Jmeter, JUnit, TestNG, Maven, Jenkins, Fire Path, Firebug, HTML, Internet Explorer, Chrome, Mozilla Firefox, UNIX, Linux, Windows XP, Java, JavaScript, XML, EXCEL, SQL, Windows.

**Safeway Inc, Pleasanton, CA Feb 2012-Aug 2014**

**Automation Engineer**

**Responsibilities:-**

* Developed Automation scripts using Selenium WebDriver, Java for user management module.
* Worked with the BA's to gather functional requirements to write test cases for the functionality of the application.
* Wrote SQL queries to test student reports generated by the online application against the database.
* Tested different files generated by Developers, e.g., State Student Data file, Psychometric Data File, Media and Disaggregation file, etc., against the database using SQL queries.
* Created Hybrid Automation Frameworks using Java /Selenium Web-Driver.
* Used descriptive programming for automation in Selenium.
* Performed front and back-end manual testing by writing complex SQL queries against MS SQL Server Database.
* Experience in using continuous integration tools like Jenkins.
* Built, packaged, and deployed application software using Ant and Maven in collaboration with developers.
* Implemented page object model Automation framework with Java, Selenium Web driver and Cucumber.
* Writing and modifying the Automation test scripts as per requirement changes for every release using Selenium Web driver.
* Worked closely with the Developers to test the functionality of the application.
* Worked with the developer to perform regression testing.
* Assigned test cases to team members to execute them in the test environment.
* Experience in using continuous integration tools like Jenkins.
* Implemented Selenium Grid to run Regression Tests on multiple platforms and browsers in parallel.
* Proposed the need for adding or modifying a requirement, to the business analyst and project manager, to enhance the product functionality.
* Participated in project meetings with the project managers, BAs and developers.
* Wrote and executed test cases for the "client" piece of the application.
* Writing and modifying the Automation test scripts as per requirement changes for every release using Selenium Web driver.
* Implemented Data Driven, POM using Java, selenium WebDriver.
* Generated defect reports for the status meetings.
* Helped create templates for test cases and sign-off sheets.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, QTP, Maven, TestNG, ALM, Eclipse, JIRA, Java, ANT, MAVEN, SQL Server.