**Debesh Adhikari**

**Sr.QA Automation Engineer**

**Professional Summary:**

* Over **7years** 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.
* Good knowledge on **Healthcare, Banking, Logistics, Public** and **E-commerce domains**
* 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**.
* Experience in testing Data Marts, Data Warehouse/ETL Applications developed in Data stage and Informatica using Oracle, Teradata and UNIX/Linux.
* Strong experience in testing Data Warehouse (ETL) and Business Intelligence (BI) applications
* Strong working experience in the Data Analysis and Testing of Data Warehousing using Data Conversions, Data Extraction, Data Transformation and Data Loading (ETL)
* 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 in using automated tools like Selenium web driver, JMeter, SOAP UI, Cucumber-Ruby, Cucumber-Java, Cucumber-Ruby-calabash (MobileappAutomation)
* 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/ETL Tester  
Responsibilities : -**

* 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**.
* Worked on multiple projects and extensively involved in User Acceptance testing (**UAT**), **End to End**, **Sanity Testing**, **Functional Testing**, **Regression Testing**, **Validation testing**, **Performance Testing**, **black box**, **white box,** and **Cross-Browser testing**.
* 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**.
* Sending up performance reports using Jmeter.
* Assisted in gathering the business requirements, ETL Analysis, ETL test and design of the flow and the logic for the Data warehouse project
* Rest API automation using JMeter, Rest Assured framework and supporting/fixing homegrown framework.
* Build a re-usable staging area in Oracle for loading data from multiple source systems using template tables for profiling and cleansing in IDQ.
* Experienced with Informatica Data Explorer (IDE) / Informatica Data Quality (IDQ) tools for Data Analysis/ Data Profiling and Data Governance.   
  Worked in a Development profile, creating rules, mapplets, mappings using transformations like standardizer, match, parser, labeler and joiner, profiles and scorecards in IDQ developer and Analyst.
* Worked as ETL Tester responsible for the requirements / ETL Analysis, ETL Testing and designing of the flow and the logic for the Data warehouse project.
* Expert in ETL, Data Warehousing, front-end and BI testing. Strong experience in **Data Analysis, Data Migration, Data Cleansing, Transformation, Integration, Data Import**, and Data Export through the use of multiple ETL tools such as Ab Initio and **Informatica Power Center**
* 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**.
* Excellent working experience in Teradata, Ab initio, Curam, MS Access, Oracle and SQL, created ETL specifications and developed data mappings
* Expert in Black Box and White Box Testing, writing test plans, test cases, automation processes and set up.
* 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/LinuxShell scripts** to perform **ETL** testing on the oracle database.
* Load testing using JMeter, fixed many issues. Being part of incredible team where we did not see any performance issues during Black
* 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,Jmeter, 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.**
* Created ETL test data for all ETL mapping rules to test the functionality of the Data Stage Mapping
* Tested the ETL Data Stage mappings and other ETL Processes (Data Warehouse 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 2011-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.
* Used DataStage as an ETL tool to extract data from heterogeneous source systems, loaded the datainto Data Warehouse Databases
* Product Owner of the Business Intelligence team that manages and maintains the Enterprise DataWarehouse.
* 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 queriesagainst 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, **BA**s 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.**