**Debesh Adhikari**

**Sr.QA Automation Engineer**

**Professional Summary:**

* Over 7years of QA experience in Expertise in functional testing Application Under Test (AUT) using QTP IDE and QTP 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, ALMandQTP.
* 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 working in Java/J2EE technologies like Core Java, Servlet, JSP and Java Swing during course curriculum.
* 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 QTP Web Driver, C#, JavaScript.
* Used Eclipse IDEto develop& debug the code.
* Experienced in using Rational Robot in Functional Testing.
* Experienced in using Test Management ToolQuality 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 QTPweb 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 QTP 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 QTP 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** | **QTP WebDriver, TestNG, QTP IDE, QTP RC, QTP 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 QTP-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.
* 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.
* 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)
* Experience in maintaining Full and Incremental loads through ETL tools on different environments.
* Assisted in gathering the business requirements, ETL Analysis, ETL test and design 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 QTPWebDriver, TestNG and created QTP Automation scripts in Java prior to agile release.
* Developed Test Frameworks in QTP 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 QTP 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, QTPWeb Driver ,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.
* 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 QTP Locators like ID, Name, Link Text, Partial Link Text, XPath and CSS to find the Web Elements using QTPand 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 QTP WebDriver.
* Developed and executed QTP test cases using Maven (Page Object Module) and Jenkins.
* Experience in using QTP 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 QTPGrid & get report in Local Machine.
* Use Jenkins as Continuous Integration Tool to integrate QTP test results, and run QTP Grid.
* Performed cross-browser testing for the web interface and mobile application using QTP 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, QTP 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**

**Java Developer**

**Responsibilities: -**

* Used Core Java techniques like Multithreading, Collections in the development phase
* Designed the text area, message center in Java by using GUI
* Implemented business layer using Core java, Spring Beans using dependency injection, spring annotations, and Spring MVC components.
* Developed Automation scripts using QTP 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.
* Used Web services - REST for Core Java Performance Tuning.
* Testing and production support of core java based multithreading ETL tool for distributed loading
* 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 /QTP Web-Driver.
* Used descriptive programming for automation in QTP.
* 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, QTP Web driver and Cucumber.
* Writing and modifying the Automation test scripts as per requirement changes for every release using QTP 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 QTP 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 QTP Web driver.
* Implemented Data Driven, POM using Java, QTP WebDriver.
* Generated defect reports for the status meetings.
* Helped create templates for test cases and sign-off sheets.

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