**Anowar Hossain**

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**PROFESSIONAL SUMMARY**

* 6 years of Quality Assurance experience as QA Automation Engineering in e-commerce, Financial and Healthcare Industries.
* Extensive experience in executing test cases, ad-hoc product testing, reporting bugs and reporting tester status, writing test scripts, test automation using diverse testing tools like Selenium WebDriver, QTP/UFT, & SOAP-UI
* Strong knowledge on Web Service & Hands on experience in validating Web Services using SOAP-UI Pro
* Extensive experience creating and designing Test Strategy Documents, Test Plan, Test Schedule, Test Cases, Test Procedures and Test Scenarios
* Experienced in functional testing, reviewing and analyzing business requirements and writing detailed Test Plans, Test Cases and RTM (Requirement Traceability Matrix)
* Good understanding of SDLC and STLC, Black box testing, Functional testing, Integration testing, and User Acceptance Testing(UAT)
* Used Version One and Jirato track stories in Agile Development Environment
* Quality Assurance and Software Testing experience involving complex client /server and web based applications. Executing test cases, ad-hoc product testing, reporting bugs and reporting tester status, writing test scripts, test automation using diverse testing tools like Selenium WebDriver, QTP/UFT, Quality Center/ALM/JIRA and Version one
* Expert in ALM design specific to Quality Center for Testing and Defect Tracking
* Extensively used Java, Selenium WebDriver, TestNG to automate functional scenario
* Hands on Experience in developing TestNG Driver framework following Page Object Model(POM) design pattern for Selenium based Test Automation Framework
* Extensive working knowledge in Core Java and Object Oriented Concepts(Inheritance, Polymorphism, Abstraction Exception Handling, Multi-Threading and Collections)
* Performed unit testing using Junit /TestNG, Good working knowledge of Ant/Maven for project build/test/deployment,Log4j for error logging and debugging.
* Experienced in using Version Control and source code management system Git & GitHub and continuous integration system Jenkins to schedule test cases.
* Expert in automation script development using different automation tools like Selenium WebDriver(Eclipse, Java, JUnit, TestNG)
* Experienced in converting existing QTP/UFT Script to Selenium WebDriver Script from multi browser support.
* Experienced in designing customized hybrid framework (Keyword Driven & Data Driven) and using Selenium WebDriver, Java, TestNG & Apache POI.
* Experienced in performing Backend Testing using SQL. Used different SQL client like Oracle SQL Developer and SQL Server Management Studio to write and execute SQL Scripts.
* Experienced in Back-End testing to ensure data consistency on front-end by writing and executing SQL queries.
* Experienced in developing BDD Framework using Cucumber, Gherkin feature file and Selenium
* Experience in automation mobile Native, Web and Hybrid apps using Appium, Java & Selenium
* Has very strong exposure on Performance testing using JMeter, based on business/functional specifications
* Experience executing tests on in-house grid and a cloud-based testing service such as SauceLabs and Browserstack.
* Excellent communication, problem solving skills, coordination, documentation, project planning and interpersonal skills.

**SKILL SET**

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| **Programming** | Java, VB Script, HTML, XML |
| **Testing Tools** | Selenium WebDriver, Selenium Grid, HP UFT/QTP, Soap-UI Pro, Cucumber, Eclipse, Appium, Test NG, Junit, Maven, Jenkins |
| **Test Management Tools** | HP ALM/QC, Jira, Version One |
| **Reporting Tools** | TestNG, Log4j, Extent Report |
| **Protocols** | TCP/IP, FTP, HTTP/HTTPS, SOAP, REST |
| **Application Servers** | WebLogic, Tomcat, Apache |
| **Database** | Oracle, TOAD, SQL Developer, SQL Server, DB2 |
| **Platforms** | WindowsXP/7/8/10, Mac OS X, UNIX, Linux |
| **Software Methodologies** | Agile, Waterfall, Iterative, V-Model, BDD,TDD |
| **Other Tools** | Firebug, XML, Putty, SSH client, Vi Editor, SQL Editor |

**PROFESSIONAL EXPERIENCE**

**Client : Saks Fifth Avenue, NY Oct2014 - Present**

**Role : Sr. QA Analyst**

**Project : E-Commerce Application**

## Description: Saks Fifth Avenue one of the world’s preeminent specially retailers, is known for its design collection, handbags, shoes, and fashion expertise. The online store of the company is SacksFifthAveue.com, but its new feature SacksOFF5TH brings the high fashion to the customers anytime anywhere. This project was an E-commerce web based application which allowed the customer to get a view of all the products in the store and buy them online using Debit/Credit card.

## Environment: Windows10, Selenium (Web driver 3.00, Grid), Java, TestNG, Maven, GitHub, SQL, SoupUI Pro, Appium, ALM.

## Responsibility:

* Analyze business requirements, functional requirements, use cases and provided feedback for clear understanding of each requirement.
* Analyzing Business requirement specification and System Requirements specification
* Reviewing Project Artifacts, analyzed Requirements, designed the test plan and provided weekly status report that includes testing metrics, test logs and test summary reports
* Prepare Test Plans, Test Methodology and Test Case, Test Scripts as per Functional and Business requirement for System/Functional Test Specification.
* Converts existing QTP/UFT Scripts to Selenium script to support multiple browsers using Java, Selenium, and TestNG & Eclipse
* Actively involved in Functionality Testing, Smoke Testing, Regression Testing, System Testing, Black Box Testing, Integration Testing, User Acceptance Testing(UAT), Ad-Hoc Testing, End-to-End, Black box and database testing.
* Thoroughly Cross browser tested projects to support IE, Edge, Firefox, Safari, Opera and Chrome.
* Performed Native Mobile App testing both in Emulator/Simulator and Real Devices.
* Automated Native Mobile App and mobile optimized site using Appium, Selenium & Java
* Interacts with product management, project management and development teams to develop a strong understanding of the project and testing objectives.
* Worked in Agile Development and SCRUM process throughout the project
* Extensively used Version One to manage User Story, Story related Test case and defect
* Develops and leads the automation strategy / effort and generated scripts to perform automated testing cycles using Selenium Web Driver, Java, TestNG & Apache POI following Page Object Model Design(POM) Pattern
* Provides support to the production deployment of applications and performed "validation testing" during the off- hours maintenance windows
* Develops Automation engineering strategies incorporating tools, test design, test data preparation, test execution, result analysis and maintenance smoke and regression test suites after every sprint deployment.
* Coordinates with team members, developers, test execution team and project managers the proper Defect management strategies and defect tracking in HP ALM
* Designs & Develops TestNG based automation framework includes data driven testing based on Page Object Model(POM)using Selenium WebDriver, Java, , TestNG & apache POI integrated with Git, Jenkins and Maven.
* Implements Object Oriented Concept like Polymorphism, Encapsulation to produce efficiency & scalability in automation Framework.
* Writes SQL Queries in order to obtain test reference data, detect data caching issues and ensure data consistency, a large number of defects were detected by performing back end testing in this project.
* Develops scalable Web Service automation projects extensively using SoapUI Pro
* Developed Test Cases using URL, which defines Web Service Request, Response, methods/operations, and End Point of Restful web service to be tested.

**Client: PNC Bank, PA Mar 2013 – Sep 2014**

**Role: Software QA Engineer**

**Project: Online Banking Application**

## Description: PNC Financial Services provides financial services including personal checking and savings accounts, mortgages and loans, wealth management, business and insurance services. I was assigned to work with PNC Financial Services “Online Banking Application" which provides fast, easy, secure way to manage clients personal and business accounts.

## Environment: Windows7, Selenium (Web driver 2.0), Java, TestNG, Maven, GitHub, SoupUI Pro, ALM, SQL.

## Responsibility:

* Wrote Test Plans from Functional Requirement Documents.
* Performed Regression tests to verify whether modification made in the application have not cause unintended adverse side effects.
* Expertise in analyzing Business requirement specification and System Requirements specification
* Involved in Functionality Testing, Smoke Testing, Regression Testing, System Testing, Black Box Testing, Integration Testing, User Acceptance Testing(UAT), Ad- Hoc Testing, End-to-End Testing, Black box and database Testing.
* Developed Automation engineering strategies incorporating tools, test design, test data preparation, test execution, result analysis and maintenance smoke and regression test suites after every sprint deployment
* Worked with all Agile Development and SCRUM process throughout the entire project.
* Created manual Test Cases in HP QC/HP ALM for various User Stories based on Release and Sprint Plan.
* Developed test plan, test cases, executed test cases, logged defects and provided testing signoff
* Developed & executed test cases as well as logged and managed defect using ALM Quality Center.
* Expertise in Bug Reporting, Tracking and Documentation using ALM/QC.
* Designed the Test Strategy for multiple projects, defect management using QC/ALM.
* Product Management and Product support thoroughly Cross browser tested projects to support IE, Firefox, Safari, Opera and Chrome.
* Converted existing UFT Script to Selenium script to support multiple browsers using Java, Selenium, and TestNG & Eclipse.
* Developed Automation Engineering solution for GUI and Web Services for applications developed in JEE using Selenium WebDriver
* Design & Develop automation framework using Selenium Java, WebDriver, TestNG, & apache POI
* Implemented Object Oriented Concept like Polymorphism, Encapsulation to produce efficiency & scalability in automation Framework
* Wrote SQL queries in order in order obtain test reference data, detect data caching issues and ensure data consistency; a large number of defects were detected by performing back end testing in this project
* Experience all types SQL queries like select, insert, update, delete records
* Extensive web service call debugging and traffic analysis using Fiddler Web Debugger and incorporating the analysis in test data creation and SoapUI script development
* Extensively developed scalable Web Service automation projects using SoapUI Pro
* Developed SoapUI set up script, tear down script, JDBC set up script, test step assertion

Evaluation script in Groovy script

## Client: Merck, Kenilworth, NJ Aug 2011– Feb 2013

## Role: Software QA Engineer

## Project: HealthCare Application

**Description:** Merck & Co is an American pharmaceutical company and one of the largest pharmaceutical companies in the world. The Vision of the company is to make a difference in the lives of people globally through their innovative medicines, vaccines, and animal health products. They are committed to being the premier, research-intensive biopharmaceutical company and are dedicated to providing leading innovations and solutions for today and the future. The mission of the company wasto discover, develop and provide innovative products and services that save and improve lives around the world.

## Environment: Unix/Linux, Windows7, Selenium Web driver, Java, TestNG, Maven, GitHub, SoupUI Pro, ALM, SQL.

**Responsibilities:**

* Reviewed Project Artifacts, analyzed Requirements, designed the test plan and provided weekly status report that includes testing metrics, test logs and test summary reports
* Ensured traceability of test cases back to project requirements and Participated in walkthrough of test cases
* Introduced, developed, documented, and periodically update the QA Test Plan, process and Procedures Manual and Objectives
* Worked with all Agile Development and SCRUM process throughout the entire project.
* Designed the Test Strategy for multiple projects, defect management using JIRA and QC/ALM.
* Maintain & trouble shoot existing automation regressing script VB Script, descriptive programming and QTP/UFT
* Maintain & trouble shoot automation suite using Java, Eclipse
* Performed the Back-End testing to ensure data consistency on front-end by writing and executing enterprise level complex SQL statements on the Oracle Database using TOAD
* Worked on Procedures, Functions using Oracle PL/SQL.
* Automated Web Service projects using SoapUI pro extensively
* Packaged SoapUI automation suites with respective csv files after each Sprint for the test execution team & manual testing team
* Analysis of log files from SoapUI web service project test run to analyze the failure and report or correct scripts based on the failure analysis
* Experienced in working both of UNIX & Linux environment to analyze log file & to monitor process.
* Experienced in using VI editor to change config file & check text based data file
* Created QA Process Workflow flow documents using MS Visio to define and design effective QA standards and practices
* Worked on enterprise systems based on various programming languages including Java.
* Coordinated with multiple teams, both internal and external, to specify test planning, execution and reporting requirements

## Client: Connecticut Health Insurance Exchange, CT Jan 2011– July 2011

## Role: Software QA Engineer

## Project: Heath Insurance Application

**Description:** The Connecticut Health Insurance Exchange, Access Health CT, is the official Connecticut State marketplace for health insurance under Obamacare. We can use Access Health CT to apply for cost-assistance, compare prices of plans, change plans, and enroll in a plan that best suits us, our family or our small business.

## Environment: WindowsXP, HP UFT/QTP, SoupUI Pro, ALM, SQL.

**Responsibilities:**

* Worked in Agile software development environment, and ensured the quality of the architecture of the Enterprise software applications
* Prepared documentation for assigned projects and followed software release procedures, requirements analysis using Quality Center for importing specifications and documents
* Provided technical guidance, when needed to other members of Quality Assurance, Software Engineering, Product Management and Product support
* Developed structured test cases and test scripts to be executed manually by testers or automatically by test automation tools
* Constant improvement of our Test Automation and Continuous Integration practices
* Documented all defects found in Test Director/ HP Quality Center defect tracking system
* Designed & developed data driven framework to validate different user form using Quick Test Pro (QTP)
* Extensively used VB Script & Descriptive programming to develop Data Driven Framework in QTP
* Experience all types SQL queries like select, insert, update, delete records
* Developed test suite, test cases, execute test cases and generate report in SoapUI
* Performed xml data validation using assertion method in SoapUI
* Guided team to build industry best practices into QA Test processes and evaluated quality risk for product releases, changes, and fixes
* Prepared and delivered reports, recommendations, or alternatives that address existing and potential trouble areas in IT systems and projects across the organization
* Tracked and communicated project QA status to wide variety of team members internally and externally

**EDUCATION**

BSC in Computer Science.

MSC in CIS(Computer Information System)