**Anowar Hossain**

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**PROFESSIONAL SUMMARY**

* 6+ years of Quality Assurance experience as QA Automation Engineering in Healthcare Industry.
* 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**

**Kaiser Permanente, Silver Spring, MD April 2015- Present**

**QA Analyst**

**Description:** The system initiates all the necessary procedures, standardizes and validates the data according to HIPAA regulations, and provides error-processing for the transactions that could not be fully processed through the system. The application also allows the agents to track and manage the status of a health benefit claims.

**Responsibilities:**

* Created complete end to end use cases and requirements traceability matrix.
* Analyzed testing requirements to develop detailed test plans, test scenarios.
* Enhanced the performance of the test scripts by writing functions.
* Used to build testing scope documents and gap analysis documents.
* Analyzed the BRD to understand the architecture of the application.
* Used to set up complete end-to-end test plan and test case environment.
* Developed testing strategies in support of agile development.
* Performed regression testing of the application after fixing the defect.
* Used HP ALM for configuration management and Defect Tracking to fix bugs.
* Involved in functional automated testing, regression testing using HP ALM for software development.
* Developed and executed test suite using HP ALM for Portal application.
* Executed test procedures using HP ALM as test management tool.
* Created SQL queries to perform up gradation of database.
* Performed enhancement in SQL database to coordinate with other application.
* Automated Test scenarios for GUI, Functionality, Integration and Regression Testing using UFT.
* Created UFT code that used methods and properties within custom built classes.
* Created code in UFT to work with web services programmatically using Descriptive Programming.
* Used to debug automation scripts in UFT whenever failure occurred.
* Attended the daily Bug Review meetings, weekly Status meetings and Walkthroughs.
* Interacted with Business Analysts and Developers for resolving Defects.
* Participated in Team meetings on a regular basis and involved in active discussion in order to enhance the testing quality upgrading testing approach.
* Worked closely with the Project Manager, Business Lead and Technical Lead to identify research and escalate issues.
* Identified risks to the appropriate work stream for resolution.

**Environment:** SQL Server, MS Office, Windows, SOAP UI, HP ALM, UFT, Java, Selenium, J2EE, Java Script, VB Script, XML, UNIX.

## Client: Merck, Kenilworth, NJ Aug 2013– March 2015

## 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.

**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.

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

## Client: Connecticut Health Insurance Exchange, CT Jan 2012– July 2013

## 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.

**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

**Environment:** MS Office Suite, Windows XP, MS Project, QTP, RequisitePro, MS Visio, ClearCase, MS Powerpoint, MS-SharePoint, MS-Word, MS-Excel, Facets.

**ACS Government HealthCare, Atlanta, GA** **Jan** **2011– Dec 2011**

**QA Tester**

**Description:** I was involved in a project to re-engineer a suite of Medicaid management products and create a core application called Enterprise. My team was responsible for receiving, documenting, tracking and addressing the problems encountered by the customers of Flagship software product EPM (Enterprise Practice Management) while generating 837 Professional, Institutional, and Dental claims, Functional Acknowledgement 997, Claim Status Inquiry/Response 276/277. The product was also integrated with Trizetto's Facets application for Claims processing.

**Responsibilities:**

* Met with report users and stakeholders to understand the problem domain, gathered customer requirements through surveys, interviews (group and one-on-one) along with JAD sessions
* Involved in understanding the current business process, defining scope of the project along with position statement
* Wrote BRD, FRD, use cases, test scenarios, test cases for testing the functional requirement
* Developed and executed various Manual Testing Scenarios and neatly documented the process to perform Functional Testing.
* Participated in the management of testing project with the help of Quick Test Pro.
* Implemented automated COB processing of Medicare claims into Facets.
* Validated business rules and all artifacts with users, got approval and sign off.
* Followed Unified Modeling Language (UML) methodology using RequisitePro and MS Visio to create/maintain Use Cases, Activity Diagrams, Sequence Diagrams, and Collaboration Diagrams.
* Executed Test Cases using positive and Negative data in Quality Center test lab and reported results and defects using QC defects tool.
* Participated in requirement walkthroughs and creation of test plan.
* Developed automation test scripts for performing regression testing on the application using QTP.
* Tested user interface and navigation controls of the application using Quick Test Pro.
* Tested and delivered Inbound/Outbound Facets interfaces
* Experience with Trizetto Facets System implementation, Claims and Benefits configuration set-up testing, Inbound/Outbound Interfaces and Extensions, Load and extraction programs involving HIPPA 837 and proprietary format files and Reports development.
* Involved in writing and executing test cases using MQC based on the requirements .
* Performed Back-End testing .
* Assisted Design Team in preparing SRS, Software Design Document (SDD), User Interface Design, Application Architecture, & Database Modeling.
* Helped in project testing efforts for doing integration tests, regression tests and user acceptance tests.
* Worked on Data mapping, logical data modeling and used SQL queries to filter data within the Oracle database tables.

**Environment:** MS Office Tools, Windows XP, MS Project, Quick Test Pro, RequisitePro, MS Visio, ClearCase, MS Powerpoint, MS-SharePoint, MS-Word, MS-Excel, Facets.

**EDUCATION**

BSC in Computer Science .

MSC in CIS (Computer Information System)