**Tanvir Hasan**

**SUMMERY**

About 6+ **years** experience as a **Software** **Quality Assurance Analyst/Engineer.** Worked in all phases of Software Testing Life Cycle including Implementation, Documentation, Testing in different domain & different type application

* In-depth knowledge of all QA phases like **Manual**, **Functional**, **System**, **Integration**, **End-to-end, Business Process testing.**
* Quality Assurance and Software Testing experience involving complex **client/server** and **web based applications.**
* Proficient in System, Functional, Integration, Regression, Progression, End to End, Security, Load, Fail Over and Performance testing.
* Proficient in designing, reviewing and documenting system test plans, defining test procedures and creating test cases on the basis of product releases features, client’s requirements and related technical documents
* Experience in Writing and Executing the Test cases, analyzing the Test results and Defects Tracking.
* In depth knowledge of Software development life cycle and testing methodologies.
* Worked on agile software development environment where performed testing in each sprint.
* Experienced in Using Version One to manage/analyze stories & project wall
* Thoroughly Cross browser tested projects to support IE7+, FireFox, Safari, Opera and Chrome.
* Experienced in Testing Mobile application using both Simulator (AVD for android and xCode for iOS) & Real device
* Performed automation testing using diverse testing tools like **Load Runner, QTP/UFT** and **Quality Center/ALM.**
* Expertise in working knowledge of **Core Java** and **Object Oriented Concepts**( Inheritance, Polymorphism, Exception Handling, Multi-Threading and Collections)
* Performed unit testing using **Junit/TestNg,** integration and deployment of applications done using tools such as ANT and Maven and debugging through Log4j.
* Experienced in using Version Control Tools like **CVS, SVN** and **gitHub**
* Expert in automation script development using different automation tools like **Selenium WebDriver** (Eclipse, Java, JUnit)
* Experienced in converting existing **QTP/UFT** Script to **Selenium WebDriver** Script for multi browser support
* Experienced in designing customized hybrid framework (Keyword Driven & Data Driven) using **Selenium WebDriver, Java, TestNg & apache POI**.
* Designed & developed automating regression suite using HP **UFT/QTP**, descriptive programming & VBScript.
* Design & developed Data Driven Framework using UFT & VBScript to validate test case against different data set.
* Experience in testing **SQL stored proc, functions**, **package**, and **triggers** in different RDBMS including Oracle 10/11g and MS SQL Server 2008/2012
* Perform ETL testing while data migration using SQL & excel.
* Experience all types **SQL queries** like **select, insert, update, delete** and joining multiple table based on business requirement.
* Knowledge in assisting performance engineering and analysis of **web performance** projects using **Load runner** for Web based and Client/Server Applications.
* Highly experienced in developing and maintaining Requirements Traceability Matrix (RTM) to make sure customer requirements are captured successfully using HP Quality Center (ALM/QC).
* Possess strong technical aptitude with strong analytical, problem solving and communication skills
* An effective communicator, committed team player, quick learner and rapid problem solver with commitment and a strong work ethic and ability to quickly adapt to new environments.
* Excellent organizational skills and the ability to handle multiple assignments concurrently
* Able to come up to speed quickly and handle multiple tasks in a fast-paced environment.
* Experience in installing UFT tool in **VMWare**.

**TECHNICAL SKILLS**

**Testing Tools :** QuickTestPro /UFT, Selenium WebDriver, SOAP UI Pro, Jenkins

**Programming Languages :** C++,SQL, PL/SQL

**Mark-up/Scripting Lang :** VBScript, HTML, XML, CSS

**Defect Tracking Tools :** HP ALM,JIRA, BugZilla, Quality Center, Version One

**Databases :** MS SQL Server 2008/2012, Oracle 11g/10g/9i, DB2, Sybase

**Platform :** Windows 8/7/XP/Win 2k Server, UNIX, Linux, DOS

**EDUCATION**

MEngg in Telecommunications (2008)

BSc in Electrical & Electronic Engineering (2006)

###### PROFESSIONAL EXPERIENCE

**Gannett Company, VA** *Duration: 07/2013-Present*

QA Automation Engineer

Atypon COMO is a Content Monetization API through which customers account can be monitored & managed. Gannet integrated this API in their online news paper’s to manage & monitor subscribers.

**Roles & Responsibilities:**

* **Analyzed** requirements, provide testing scope and proposed the testing methodologies.
* Expertise in analyzing **Business requirement specification and System Requirements** **specification**
* Worked on agile software development environment where performed testing in each sprint
* Designed and executed functional testing and performance testing on Gannett client facing application
* Performed **System, Integration, Regression, Failover, UAT** and **Compatibility Testing.**
* Assisted end users to develop **UAT test** cases.
* Expertise in creating Test Strategy, Test Plan, Test Reports, Test Cases and Test Scripts for Automated and Manual Testing based on the functional specification for the Functional, Regression, GUI Usability and System Testing.
* In addition to **Version One** was also used in our **Agile** shop Test Management, user story integration, development and testing.
* Participate in Daily **Agile** Scrum "Stand-up", Sprint Planning and Retrospective Sessions
* Extensively used **Quality Center/ALM** from running Test scripts through Defect reporting and tracking.
* Planned, designed and implemented test lab for browser/os compatibilty testing using **VMware**
* Coordinate with team members, developers, test execution team and project managers the proper Defect management strategies and defect tracking in **HP ALM**
* Experienced in opening & managing **defect** using **Jira**
* Participated weekly defect meeting.
* Performed **Mobile Testing** using both **Simulator** (AVD for Android and xCode for iOS) & Real device.
* Developed Automation Engineering solutions for **GUI** and **Web Services** for 2 applications developed in **JEE** (Java, Spring, Hibernet) using **SeleniumWebDriver**
* Converted existing **UFT** Script to Selenium script to support multiple browsers using **Java, Selenium**, and **TestNg & Eclipse**.
* 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**
* Tested Asynchronous Programming to Update the Chart on home page for dynamic ad changes on web site as well as data validation using Quick Test Professional.
* Performed data driven testing using UFT and integrated descriptive programming in UFT script for dynamic object recognition
* Developed and enhanced VBScript external functions and integrated with UFT automation regression framework for continuous integration testing
* Developed script and performed **Web Services** testing using **soap UI** pro tool for functional and regression testing.
* Performed **SOAP** based and **Restful** base web Service testing using soap UI pro for data driven testing
* Verified Request, Response to test SOAP based web service testing using **WSDL** file end point Location.
* Developed **SQL** script in TOAD for data validation and data integration testing in **Oracle** and **SQL** Server database.
* Performed **Regression tests** to verify whether modification made in the application have not cause unintended adverse side effects.
* Analyzed log files for exceptions and errors in **Linux system** and re-generated those errorsto provide the root cause of defects
* Designed and executed **Performance test to analyze the bottlenecks** in the application using **Load Runner Analysis.**
* Continuous Integration of Build, Deploy and Test using **Jenkins.**
* Work with engineering services team to run tests in continuous integration environment (**Jenkins**) and report on results.
* Experienced in testing Server hardening and server health check with Open source Tools like **Jmeter.**
* Mentoring and monitoring the junior colleagues.

***Environment:*** Quality Central, JIRA, Java, Selenium WebDriver, Selenium RC, Selenium Grid, Firebug, FirePath UFT, SQL Server 2008, Soap UI, XML, Linux, Web Services.

**Eclipsys Corporation, PA**  *Duration: 03/2011-06/2013*

QA Automation Engineer

SCM and SMM are bi-directional application exchange of order information between Clinical Manager and external Pharmacy System. Sunrise Clinical Manager application allows Physicians to enter patient information and test results for example create a new patient, identify a patient, enter, edit and cancel patients order. Enter groups of orders from multiple departments, check the status, request date and service date of an order, retrieve clinical data, cost and charge of procedures and enter clinical interventions. Sunrise Medication Management application allows Pharmacist to verify the order, modify the order and send it back to Clinical Manager after verification.

**Roles & Responsibilities:**

* Analyzed requirements provide testing scope and proposed the testing methodologies
* Developed **Test Plan**, **Test Suite**, **Test Cases.**
* Expertise in analyzing Business requirement specification and System Requirements specification
* Performed System, **Integration**, **Regression**, Failover and **Compatibility** Testing
* Developed test automation frame work using **UFT 11.5** for **functional** and **regression** testing.
* 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** Extensively
* Designed and developed **Keyword Driven Framework** using **VBScript**, **Descriptive Programing** & UFT.
* Retested production issues and developed test cases from production issues for regression testing using HP **ALM**
* Responsible to test each new version of application for Regression testing using **UFT**.
* Conducted Functionality and **Regression** testing using **UFT** during the various phases of the product development.
* Worked on Agile environment and performed testing sprint wise. Participated in sprint planning meeting, Daily scrum & Sprint retrospective.
* Experienced in Using **Version One** to manage/analyze stories & project wall
* Customized UFT Scripts with Parameterization, Check Points, Library Files, Regular Expression
* Customized the UFT Test as per the Test Case by using the VB-Script.
* Created test cases, executed and recorded results of test cases using JAMA Contour as the management system tool.
* Used **JIRA** for Defects management.
* Performed web service testing using **Soap UI Pro** and created assertion point for response xml validation
* Performed **Load** and **Stress** test using **HP LoadRunner**
* Executed Load Test, Stress Test and Endurance Test by uploading the **VuGen** Scripts into LoadRunner Controller
* Involved and responsible for creating Daily and weekly status reports regarding the progress of testing process.
* Actively participated in Handover meetings, Business Analysis and design reviews for each release and identifying Critical test cases on each release.
* Developed UAT test cases for End to End testing.

***Environment:***  UFT, SQL Server 2008, Soap UI, XML, Linux, Web Services.

**National City Bank, OH**  Duration: 11/2008-02/2011

QA Analyst

National City Bank developed CMR (Customer Management and Reporting) platform to manage all FX customers’ data & operation information centrally. This platform also provides advance tools for sales and operation to improve growth and efficiency

**Roles & Responsibilities:**

* Analyzed business requirements, functional requirements, use cases and provided feedback for clear understanding of each requirement.
* Developed test plan, test cases, executed test cases, logged defects and provided testing signoff
* Performed all phases of testing like System Testing, Integration Testing, Regression Testing, System Testing, and User Acceptance Testing.
* Worked on **QTP Framework** and modified necessary **Framework components**
* Design & develop data driven framework to validate different Member profile using **QTP**, **VBScript** & **Descriptive Programming**
* Involved in generating Vuser in **Load Runner** for performance testing, and load testing of the application.
* Experienced in working Expertise in testing **Web Services using SOAPUI (Simple Object Access Protocol User Interface).**
* Both of **UNIX & Linux** environments to analyze log file & to monitor process.
* Thoroughly tested the data synchronization module and verified transactional documents & import export reports.
* Interacted with developers to follow up on defects and issues.
* Created a functionality test matrix of test scenarios from business requirements and use cases.
* Wrote and executed test cases in Quality Center and test scripts after reviewing business required document and technical specifications.
* Prepared test execution report and defect management report to management.
* Attended defect triage meetings between development, QA, and product management.
* Performed Regression testing, Integration testing, System testing and data validation testing.
* Wrote SQL script in TOAD to verify the data integrity and end-to-end testing
* Worked on multiple applications/phases at the same time. Followed Agile based testing methodology

***Environment:***SQL Script, BugZilla, UFT, QC, Excel, Linux, Windows XP, SOAPUI