**Mahidur Rahman Khan**

khan.mahidur07@gmail.com

872-704-0338

PROFESSIONAL SUMMARY:

* I have been working as QA Tester for the past 6 years in with strong knowledge of all phases of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Experienced at interacting with business users and driving test discussions.
* Emphasis on manual and automated testing tools, Web based and Client/Server applications.
* Diversified experience in Quality Assurance and Software Testing.
* Performed planning and development of Test Plans, Design Test Cases and Test Scenario to meet product’s business requirements.
* Transitioned software development efforts to a test-driven development (TDD)process, which brought QA testing in on the front-end of the development cycle for gains in code quality, software functionality and programmer productivity.
* Experience in interacting with Business analyst, Developers, and Technical support and help them on Baseline requirement specifications.
* Good knowledge of Test-Driven Development, XP (extreme programming) and Agile Environment.
* Process Modeling, Swim Lane Diagrams, Functional Decomposition, Functional Definitions, and Data flow diagrams, Work Flow Analysis/Gap Analysis, Writing Process Specifications Efficient in interacting with business users, facilitating meetings, JAD sessions and interviews.
* Experienced in developing test plans, test strategy and assessing situation to come up with action plan.
* Participated in many sprint planning meetings.
* Experienced in Black Box, Positive, Negative, Integration, System Testing.
* Experienced in GUI, Regression and Functional Testing.
* Implemented Sanity Testing, Smoke Testing, stress testing load testing White Box testing like back testing, Black Box Testing, GUI Testing, Functionality Testing, Positive and Negative Testing, System Testing, User Acceptance Testing (UAT) and Regression Testing of Web Based Applications and Client-Server Applications.
* Experienced in Enterprise Defect tracking tools like HP Quality Center and Team Foundation Server (TFS).
* Used Perfecto Mobile for Mobile application testing on Iphone/Ipad and Android devices.
* Expertise in translating user requirements into technical specifications and mapping the process design, work flows for SDLC with documenting and managing business requirements.
* Strong communication skills/presentation skills and a complete team player.
* Worked closely with the project manager to estimate best/worst case scenarios, track progress with weekly estimates of remaining work to do, conducting informal meetings ad hoc and as needed.

**TECHNICAL SKILLS**

**Testing Tools**  UFT/QTP/HP Quality Center, Soap UI, Microsoft Test Manager (MTM), Team Foundation Server (TFS), Perfecto Mobile ,JIRA

**Test Documentation** Use Cases, Test Conditions, Test Scenarios, Test Cases, Test Scripts & Traceability Matrix

**Languages** VB Script, SQL, HTML & XML, XHTML, Selenium

**Documentation**  MS Office & Adobe Tools

**Operating Systems** Linux, Windows NT/2000/XP/Vista/Windows 7

**Methodology**  Agile (SCRUM) and Water fall

**Projects:**

**McGraw-Hill, NY** **Jan 2017 - May 2018**

**QA Analyst**

The Grow Network is a nationally recognized leader in assessment reporting for states and large districts across the country. The Grow Network’s programs include: customized reports for teachers parents administrators, and students, Easy-to-use web tools that offer guidance based on test results. Instructional materials designed to target student needs, Professional development resources that build skills and enhance meaningful instruction. It is a web-based application.

**Responsibilities:**

* Review Business Requirement documents (BRD), Software Requirement specification (SRS) and Prepared Test Plan
* Performed SQL Server’s data validation and database queries
* Used Back-end database SQL Queries to perform data testing
* Documented Manual Test cases, Test procedures and Test results.
* Extensive Web Testing & Black box Testing.
* Performed Functional, GUI testing, Data warehouse testing & web based application.
* Followed QA processes and practices, including defect and test management.
* Attended daily and weekly meetings for the projects.
* Tracked and reported defect using Quality Center ALM.
* Involved in reviewing and analyzing Business Requirement Documents and Functional specs and use cases.
* Responsible for Manual testing of both web and stand-alone applications (Agile/Scrum development)- majority testing: System Testing, Function Testing, Integration Testing.
* Experience with testing Web based applications on laptops, tablets and mobile devices.
* Manually test each and every module of the application and verify against expected results.
* Developed test cases and test scripts (with reusable actions) for Manual Testing.
* Created test conditions and related test cases, and executed test scripts using HP Quality Center.
* Testing the server application on multiple operating systems and on varied browsers.
* Responsible for creating UAT, SIT & Regression Test cases in the test plan module of HP ALM/Quality Center
* Managed the requirements in Quality Center and also in ALM
* Developed Traceability matrix between the requirement document and respective test cases to ensure all requirements were covered.
* Reviewed BRD, understood the requirements and translated them into test cases, scenarios, procedures and carried activities such as collecting test data, writing test cases and testing.
* Involved in preparing Test plan and Test cases for Employer and Member portal.
* Performed various type of testing like White box, Black box, System, Functional, Integration, Regression, End to End and UAT.
* Worked closely with business during UAT testing to create defects found during UAT testing.
* Clearly communicated defects with developers and updated comments in HP Quality center (ALM).
* Generated the detailed reports of the Bugs, Pass-Fail report and Assigned defects using ClearQuest.
* Conducted the Smoke Testing to check the High Level functionality of an application.
* Created Automation test framework using QTP
* Clearly communicated defects with developers and updated comments in HP Quality center (ALM).
* Attended UAT defect triage meetings to get update on when UAT defects will be fixed.
* Created positive and negative testing scenarios and tested them manually as well as using automated scripts.
* Participated in weekly meeting and walk through to discuss Defects Priorities
* Defects tracked and reported using Quality Center Reporting tool.
* Performed system, Integration and Regression Testing.

**Environment:** Quality Center, XML, Oracle, TOAD, UAT, Windows XP/Vista, Java, Quick Test Professional , Quality Center, MS SQL Server, Web Services SOAP UI, Agile Methodology, XML and HTML, .net.

Client: McDonald’s Corporation, Oak Brook, IL Mar 2016 – Dec 2016

Role: QA Analyst

This project aims at the implementation of a new service from McDonald's Corporation called “Create Your Taste”. As part of this project, customers can order to make the meal as per their own set of choices. Project deals with the testing aspects of this new feature and to make sure that the routing logics from front counters to kitchen are working as per the requirement. Many feature enhancements have been made on the Mobile App and they are tested. The Point of Sales (POS) application is designed for the retail stores all around the United States.

**Responsibility:**

* Preparing test cases and coordinating with the onsite and off shore team
* As an individual contributor, performing critical testing activities
* Participating in defect review meetings and proactively bringing up issues to get them resolved
* Updating the status reports and test execution plan
* Testing expertise in McDonald's mobile apps and also web testing on the different iOS versions on iPhone, iPad, Android and Blackberry
* CUCUMBER for unit testing, Implemented Selenium for Integration Testing, Implemented image based automation for Cross browser and cross platform testing
* Designed complex SQL queries to pull the accounts from DB2 databases with specific transactions which were being tested.
* Conducted functional and technical requirement gathering sessions with Stakeholders, Managers and Operations Analysts and Point-of-sale related modules.
* Applied automation tools such as QTP, Rationale Jazz Suite, Selenium, UFT
* Led self-serve initiatives with the Point-Of-Sale (POS) solutions such as starting the project from the scratch for self check-out units at stores.
* Prepared template for the Master test plan, and verified Master test plans and test scripts as per requirements. Experience with preparing test cases for mobile products.
* Coordinating with offshore team and providing additional information on test execution and defects
* Communicating with Business Analysts, Developers and Test Leads to decide the scope of testing and ensure proper understanding of requirements is obtained within the team
* Performing automation validation of regression suite of test cases and reports
* Extensively worked on Mobile testing
* Providing test support to other peer CYT projects

**Environment:** JIRA, MS SQL Server Management Studio, Windows XP, POS(Point of Sale) specific devices – Kiosk, Registers (Front Counter and Drive-Thru) and KVS equipment, Mobile & HHOT, Selenium, Pin Entry cashless devices and Mobile devices.

**Walmart, Bentonville, AR Sep 2014 to Feb 2016**

**QA Tester**

The project was upgrading their old system for improving the **Point of Sale** performance and Inventory Management. I worked on Inventory Control Tracking, Customer Information, Accounting, Sales data and Optimal Stock Maintenance. This application is a **point of sale system**, that was used in all the stores for the quantity comparison report for displaying the current in-stock levels versus the quantity sold within a specified date range, other features like customer purchases by department, inventory maintenance, global special pricing, complete invoice storage, invoices on hold, receivables, and reports.

**Responsibilities:**

* Assisted the business analyst team in preparing the Point of Sale (POS) Functional Specification Document
* Prepared Test Plans and Test Cases based on the business requirements
* Prepared test scripts for automated testing using QTP
* Performed Security Testing.
* Tested the properties of the tables using table checkpoints using Quick Test Pro.
* Created page checkpoints to test the properties and contents of the web page using Quick Test Pro.
* Conducted Back End Testing using SQL Queries to ensure proper data validation
* Performed Data Validation and Data Integration using SQL Queries.
* Performed Positive and Negative testing to ensure appropriate user authentication.
* Performed Regression testing using QTP.
* Participated in the team for User Acceptance Testing.
* Involved in writing Traceability Matrix and performed Gap Analysis.
* Conducted result analysis and interacted with developers to resolve bugs.
* Used Quality Centre to generate Bug Reports and documented the same.

**Environment**: Quality Center, Quick Test Pro, , XHTML, Windows NT, HTML, Oracle.

## Client: AMAZON, Seattle, WA May 2012 – Aug 2014

## Position: Quality Analyst

Web-based **e-commerce** application accessed by potential customers to buy books, toys, gifts, electronic goods and games online. The selections made by a customer are stored in a Shopping Cart and a Profile of the customer is created (or verified for an existing customer using Login ID and Password). Subsequently, the customer enters the Credit Card information, which is then processed.

## Roles and Responsibilities

* Prepared Test Plan and Test Cases according the business requirements.
* Prepared Unit Test Cases including Positive and Negative test cases.
* Participated in setting up testing environment
* Performed Developed cases and scripts using HP Quality Center, JIRA and Quick Test Pro for Functionality and Regression Testing.
* Performed Ecommerce Testing for modules such as Checkout, Payment page, Shipping page, valid store page, etc.
* Responsible for the implementation of the Agile and Software Development Best Practices for Product & Solutions Delivery (PSD)
* Involved in Manual testing and Automated Testing.
* Performed back-end testing using SQL queries and PL/SQL statements on the Oracle database running on UNIX platform.
* Performed website testing for order fulfillment process.
* Used SQL statements to check data integrity and data validation.
* Created Text area Checkpoints to test the properties of the text in the application using Quick Test Pro.
* Used AS400 to check the validity of the data update, manipulate, and cancel the membership.
* Involved in cross browser testing for Firefox, Mozilla, Chrome and IE
* Tested the properties of the tables using table checkpoints using Quick Test Pro.
* Conducted Back-end and Regression testing during the various phases of the application.
* Involved in debugging and reproducing issues.
* Involved reporting and tracking the defects using HP Quality Center and JIRA.
* Reported bugs using Defect module of HPQC.
* Conducted result analysis and interacted with developers to resolve bugs.
* Participated in the project meetings and attended the daily SCRUM meetings.

Environment: HP Quality Center, JIRA, QTP, AS400, SQL Server, Oracle, TOAD, MS Excel, MS Word, Rational Clear Quest, Agile, JSF, Oracle, Windows 8, SQL Server