**MIR M HOSSAIN**

**W/A: US Citizen (Have Govt. Security (TSA) Clearance)**

**Atlantic City, NJ**

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**SUMMARY:**

* Over 8 years of IT experience in Software Testing of Client/Server and Web based Applications.
* Experienced in developing Test Case scenarios for Functional Testing of web applications.
* Proficient with developing Test Plans, Test Cases, Test Scripts with experience in both Manual and Automated testing methods.
* Experienced in performing quality assurance reviews on all System Development Life Cycle (SDLC).
* Expertise in managing the test management tool ALM/Quality Center.
* Experienced with creating requirements and Test Cases in ALM/Quality Center.
* Experienced in Quality Center Administration.
* Experienced in writing Test Requirements in ALM/Quality Center for various modules based on the high level solution and high level design documents.
* Expertise on generating the Excel reports using SQL query and Graph reports.
* Excellent at VBScript.
* Expertise in preparation of Test Scripts using QTP/UFT.
* Experienced in enhancing Regression Test Cases to implement complex testing scenarios, increased permeations of Functionality Testing and increased code coverage using QTP/UFT.
* Experienced in developing and managing shared object repositories in QTP/UFT.
* Designed Automation Framework for smart client application using QTP/UFT.
* Experienced in automating Smoke Tests, Core-Regression Tests and Functional Tests by using QTP/UFT.
* Excellent working knowledge on both Unix/Linux and Windows environments.
* Experienced in using TOAD for querying Oracle databases.
* Ability to translate technical and business requirements into specific Test Cases and Plans with little pre-existing documentation of system functionality.
* Hands on experience in testing complex business applications and understanding large complex environments and knowledge of requirements based testing.
* Experienced in the sector of test automation in web environment and also in agile software testing methodology.
* Able to troubleshoot issues and follow directions.
* Experienced in Java coding language to enable automated software testing for QTP.
* Experienced in leading design reviews as a QA analyst, or developer, on various system enhancement and deployment efforts.
* Strong exposure of financial products, insurance products, and services.
* Quick learner and excellent team player having ability to meet tight deadlines and work under pressure.

**TECHNICAL EXPERTISE:**

**Languages:** VBScript, JavaScript, JAVA, VB, C++, HTML

**Database:** MS SQL, Oracle, BD2, MY SQL

**Platforms:** Windows, Dos, UNIX/Linux

**Documentation:** MS Word, PowerPoint, Excel

**Testing Tools:** UFT/QuickTest Professional (QTP), ALM/Quality Center (QC), SoapUI, Beyond Comparison, Mantis Bug Tracking, MS SOAP Toolkit. FootPrints.

**Quality Processes:** CMM and CMMI

**Development Methodologies:** Agile Scrum and Waterfall

**Working Models:** Onsite and Offshore

**Certification**:

Certified Scrum Master (CSM) Certification.

**EXPERIENCE:**

03/14 to **FAMS/TSA IT Support**

Presents **Department of Homeland Security**

**Egg Harbor Township, NJ**

**Sr. QA Test Engineer**

* Beinga **Sr. QA Test Engineer** I was part of a team that supports a critical **FAMS/TSA support application**.
* As a Sr. QA Test Engineer I have supported to design, development, and integration of a N-Tiered Microsoft .NET and JAVA based web application.
* I have supported 1. FAMIS 2.0, 2. Crystal Report, 3. Field Automation, 4. MOC Automation, 5. Real Time Flight Display, 6. NG Portal, 7. NG Portal Admin 8. SOCS Automation and 9. Aircrews Application.
* Performed Functional Testing, Integration Testing, Regression Testing, User Acceptance Testing, and Validation Testing.
* As a QA Test Engineer I was responsible for making sure that the customer will get a bug free quality product.
* Supported the design, development, and integration of an N-Tiered Microsoft .NET based web application which is used by FAM, FFDO and TSA personnel.
* Provided testing expertise to support user requirements for complex to highly complex software applications.
* Ensured that the test designs and documentations supported all timelines and budgets.
* Consistently produced quality and timely work products to meet the client objectives and deliverables.
* Worked closely and collaboratively with the team to ensure the development and testing cycles are completed according to the project schedule and plans.
* Ensured that testing conclusions and recommendations are fully supported by test results.
* Made sure that the testing covered 100 percent test coverage and followed the Entry and Exit Criteria.
* Informed project managers of test status and application deviations from requirements.
* Using UFT created reviews and executed automated test cases and procedure that ensured software systems performed according to the documented business requirements.
* Generated automated test plans and scripts.
* Have designed Test Plan, Test Analysis Report (TAR) and Test Evaluation Master Plan (TEMP).
* Executed system test that verifies all testing requirements are met.
* Responsible for Create, Update, Modified and Enhanced the Automation Script Using QTP/UFT.
* Responsible to maintain the Automation scripts for Regression and Integration and Functional Testing.
* Experienced in Descriptive Programming using VB Scripting Code.
* Responsible to run the Automation scrip in multiple servers to validate the build and complete the WSUS Patch deployment.
* Responsible for maintaining Automation Suite and Regression Testing.
* Involved with software development life cycle (SDLC) processes and methods.
* Used SQL to manipulate data from Oracle databases to perform Back end testing.
* Involved with IE11 upgrade, Windows 10 upgrade and Oracle 12C upgrade testing.
* Supported test procedures walk-through.
* Have complete understanding of Application and tests, wrote high level test cases and performed walk through of the test case by screen sharing.

01/14 to **PROGRESSIVE INSURANCE** -- Cleveland, OH

03/14 Sr. QA Analyst

* Responsible for the software testing task intended to detect defects in software by

Contrasting a computer program's expected results with its actual results for a given

Set of inputs.

* Responsible for manual and automation testing using **ALM** and **UFT**.
* Participated in design reviews, requirements, systems analysis and test review discussions.
* Working with SDM team utilizing Agile Methodology.
* Performed GUI, sanity, functional, integration, regression, smoke and back-end testing.
* Created test plans, test cases, and complex test data along with execution, documentation and follow up on results using **ALM**.
* Run Web-Service testing to validate the policy and customer information.
* Perform Mainframe testing to activate the Policy status as Active from Application Status.
* Run SQL query using SQL Developer and DB2 to validate the data backend.
* Involved in Automation Test plan preparation.
* Involved in automation infrastructure development in **UFT**.
* Responsible for working three different Domain PolicyPro-Real Time, Proteus and Email Vendor Implementation (EVI).
* Responsible for GUI, Functional and System Testing.
* Responsible for maintaining the automation scrip and Generic Function for different application.
* Performed Database Testing using SQL in order to check the data validation.
* Worked closely with development teams and testers for testing purpose and followed agile methodology.

**Environment:**  Agile SDM, QTP/UFT, QC/ALM, MS Outlook, Lotus Notes, MS SQL Server, MS SQL Management Studio, IBM DB2, MS Lync, VPN, Mainframe, People Soft, Primavera Timesheet, Beeline.

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11/11 to **PFIZER** - **Morris Plains, NJ**

01/14 **QA Automation Expert**

* Involved in preparing Test Plans, Test Cases, Automated Tests and Test Data, and executing them.
* Coordinated day-to-day tasking and activities of test efforts in all phases of the SDLC (Software Development Life cycle) including Test Plan creation and execution.
* Involved in developing documentation like Requirement Traceability Matrix, Test Plans, Status reports, and bug reports.
* Created Test Templates and Test scenarios in ALM/Quality Center.
* Monitored and tracked defects/risks and managed through resolution using ALM/Quality Center.
* Extensively worked on SQL to validate data populated in tables.
* Wrote PL/SQL statement to extract and update data from the tables.
* Generated the Excel Reports using SQL query and Graph Reports in DashBoard.
* Uploaded all the migrated QTP Functions and Scripts to ALM.
* Transformed manual scripts to automation scripts and extensively worked on QuickTest Pro (QTP) for Functional, Regression and Integration Testing.
* Extensively used QTP to Automate the Test Scripts in a data-driven framework.
* Performed GUI testing, Functional testing, Integration testing, System testing, User Acceptance, End to End and Regression testing using QTP.
* Used QuickTest Pro (QTP) for debugging & executing scripts, hold the resource files, to perform error recovery and integrated some part of the automation scripts with the shared object repository.
* Created VB scripts by recording user actions and writing re-usable functions.
* Maintained Hybrid Frameworks for automating the testing process by using QTP.
* Coordinated with the developers on result and defect status on a regular basis.
* Worked closely with QA team and developers to clarify/understand functionality, resolve issues, provide feedback and tune the entire development process.
* Participated in various meetings and discussed enhancement and modification request issues.
* Participate in Project Status and Requirements Gathering Meeting.

**Environment:**  J2EE, Jenkins, SQL Management Studio, MS Office, Web Ex, VPN Client, Oracle, Version One, HP ALM, CSS, GWT, Ext JS, HP ALM/ Quality Centre, UFT/QTP, Unix,  MS SQL Server, Windows, Huddle, SVN, Agile.

01/09 to **DEPARTMENT OF ENERGY** - **Washington, D.C**

10/11 **Test Engineer**

* Analyzed functional and integration requirements to develop detail functional Test Plans and Test Strategy.
* Responsible for executing the Test Cases.
* Reviewed business and functional requirements as well as design specifications in order to eliminate ambiguity and inconsistency prior to Test Cases creation.
* Reviewed the business requirement and design document for preparing validation Master Plan which described the scope, approach and objective of testing effort.
* Responsible for Executing and Maintenance of Automated and Manual Test scripts for utilities domain.
* Involved in authoring the Test Strategy and SOP for Test script automation.
* Analyzed Business Requirements and System Specification documents and created Test cases and executed Test cases in Quality Center.
* Worked with Technical Team and Production Team in Isolating Defects and helping to resolve code/data issues using Quality Center.
* Wrote SQL queries to test the oracle database and validate the data integrity.
* Developed Descriptive Programming, Environmental Variables, Startup Script, Driver Script, and Utility Functions using VBScript in QTP.
* Wrote and recorded Conditional scripts for Functional testing & Regression Testing procedure using QuickTest Pro.
* Modified the Automated QTP Scripts for regular release screen changes and to support regular functional changes.
* Wrote VB Script, developed Custom Functions and Dictionary Objects by using QTP.
* Parameterized QTP scripts for use with varied, controlled test input values.
* Developed Data Driven Framework using QTP automated Script to execute the Batch Testing upon certain Interval.
* Developed and Designed of a Hybrid Framework in QTP using VBScript.
* Attended change request meetings to document changes and implemented procedures to test changes.
* Involved in conducting daily defect tracking meetings to keep business customers and the project management updated.
* Communicated with Business Analyst Leads on any issue clarifications.
* Played key role in clearing the ambiguities in requirements by constant follow up on business users.
* Maintained close working relationship with the Point of Sale team to align the business goals till the last phase of the business needs.

**Environment:**  Windows NT, .NET, Java, JSP & Servlets, Quality Center, SQL Server, QTP, Java/J2EE, VSS, IBM Websphere Application Server, XML,HTML.

02/07 to **US BANK - Cincinnati, OH**

12/08 **QA Tester**

* Worked with projects deeply concentrating on Software Development Life Cycle (SDLC).
* Maintained all the Test Cases in TestDirector.
* Used Test Director for test management.
* Conducted SQL queries in database to generate reports for executive managers.
* Worked for data validation in SQL statements.
* Worked with projects using QuickTest Professional.
* Used QTP for Automation of Regression Test Cases.
* Customized the QTP Test as per the Test Case by using the VB-Script.
* Worked on Manual Test Case creation and Test Case execution.
* Developed a QTP Data Driven framework using QTP.
* Successfully developed User defined functions and Generic functions with QTP.
* Created and presented QA status reports and dashboards to internal/external management.
* Reviewed the Business Rules and coordinated directly with the PM and quality assurance Lead to determine the Test Requirements.
* Successfully maintained Requirement Traceability Matrix (RTM’s).
* Worked with functional and technical teams to ensure quality of test deliverables & timely completion of individual Test Plans.
* Liaised with DBA /Admin team and gathered test data for data-driven framework.
* Performed User Acceptance Testing (UAT) before transitioning the application to the production.
* Managed Test environment setup, allocation and migration activities between various teams.
* Participated in walkthroughs and defect report meetings.
* Worked closely and effectively with other team members to resolve defects and functional issues.

**Environment:**  Windows XP, HTML, QTP, Java, KOFAX, SQL Server, .NET, TestDirector and SoapUI.

**EDUCATION:**

**Masters** of Business Administration in Accounting and Information System

University of Chittagong, Bangladesh