# Md Al Mamun

US Citizen

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**PROFESSIONAL SUMMARY:**

* Six plus years of experience in Information Technology as a QA Application Engineer, QA Automation Analyst and Software Testing Engineer in web and client/server applications.
* Experienced in maintaining, and modifying test automation and test management tools.
* Extensively experienced in creating Traceability Matrix to ensure comprehensive test coverage of requirements.
* Experienced in the agile test driven development environment.
* Strong knowledge of Black box and Grey box testing.
* Expertise in conducting and participating different Types of Testing - Integration, System, Functional, GUI, Regression, Sanity, Smoke and User Acceptance Testing (UAT).
* Developed and executed Test Cases and Test Scripts based on the requirement and managed it using JIRA
* Experienced in manually retested the application for smoke testing and regression testing.
* Experienced in creating Test cases based on high-level technical requirements using HP ALM/HP Quality Center.
* Proficient in using HP Quality Center/HP ALM to store, schedule test cases and report bugs.
* Experience with HTML, XML data validation (XPath Assertions) and SOAP Payload validation using SOAPUI and XML Formatter utilities.
* Used Apache JMeter to do Performance testing and Load Testing.
* Extensively experienced in using SQL defining and executing SQL queries to prepare the data for Test Cases.
* Experienced in writing Functional scripts using QTP/UFT and identifying all windows, Pages, Objects, Methods and Properties; Custom code Script with Parameterization, programming logic and data driven types.
* Experienced in developing the automated test scripts from manual test cases for regression testing based on the requirement documents using QTP/UFT.
* Experienced in performing Regression Testing using QTP/UFT and interacting with developers to resolve issues using ALM/Quality Center.
* Have excellent skills in VB scripting, writing many re-usable VBScript functions to automate the application.
* Strong, Precise Written and Oral communication skills with excellent Presentation and Organizational expertise.
* Determined Interpersonal, Mentoring, Learning capability matched with skills to manage stress and time effectively.

**TECHNICAL SKILLS:**

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| **PLATFORMS** | Windows, Mainframes, UNIX |
| **DATABASES** | DB2, Oracle, MS Access |
| **TESTING TOOLS** | HP Quality Center, HP ALM, Jira, JMeter, SOUPUI |
| HP Quick Test Professional, HP UFT |
| **BUG TRACKING** | BugZilla |
| **LANGUAGES** | VB, PL/SQL, C, C++, C#, PHP |
| **OTHER SKILLS** | MS Excel, MS Office, MS Project, MS Visio, MS Outlook, MS Office 365 |
| **NETWORKING** | TCP/IP, FTP, HTTP, LAN, WAN |
| **BROWSERS** | MSIE, Firefox, Chrome, Safari, Opera, Netscape Navigator |

**PROFESSIONAL EXPERIENCE:**

**Time Warner, New York, NY**

**Jan, 2016– Present**

**QA Automation Analyst**

**Responsibility:**

* Involved in creating Test Plans, Test Cases for new Implementation based on the business requirements.
* Interacted with Business Analysts for requirements gathering and conducted review meetings for change requests for writing test cases.
* Responsible for Automation Scripts & library functions maintenance.
* Prepared the Test estimations, Batch Calendar, Run Plan, and Traceability matrix.
* Worked closely with software developers, engineers in fixing the defects.
* Sent the reports to all team members with Daily Status to track the updates in testing.
* Prepared test data and exported to a data pool in rational functional tester; carry out User acceptance testing and execution.
* Monitored project plan execution and project metrics reporting.
* Ensured the deliverables are in par with Client standards, prepared test data; carried out testing and execution.
* Prepared Test Scripts, Test conditions, Test Scenarios into HP ALM.
* Defined requirements, Test Cases using HP ALM, Linked test cases with the requirements.
* Scheduled and executed Manual Test Scripts through HP ALM; involved in Test Execution, reporting any defect in HP ALM.
* Performed backend testing by writing SQL Queries; Wrote advanced T-SQL and PL/SQL statements to verify data Integrity.
* Performed functional testing on Rest web services using SOAP UI and Postman.
* Developed VB scripts in UFT to perform end to end testing.
* Created a set of re-usable scripts using VBScript in UFT.
* Developed test scripts using UFT to perform functional and regression testing.
* Developed Descriptive Programming and Maintained Local and Global Object Repository in UFT.
* Worked directly and extensively with Leads and Managers to prepare test plans for software development.
* Worked efficiently with each QA team member to implement Cross Training of various applications.
* Performed UAT testing across numerous software components before new version release to test for any functional problems/defects and customer usability purposes.
* Thoroughly discussed the Defect Report with Developers and Project Manager for defect resolutions.
* Attended meetings involving Developers, DBAs, Business Analysts and Management to track application changes.

**Environment:**

XML, HTML, VBScript, Java, C, C++, C#, Windows, Unix, MS Excel, MS Office, MS Soap UI, .Net, CSS, MS Outlook, Oracle, Siebel, SQL, PL/SQL, UFT, HP ALM, JUnit, SQL Server.

**Aetna, Hartford, CT**

**July, 2013 – Dec, 2015**

**QA Automation Engineer**

* Involved in Requirement and Design Review along with BA, User groups, Development team and testing teams.
* Participated in Code Review and JAD Sessions.
* Involved in the creation of Requirement Document based and Test procedure development.
* Created the Test Cases on various forms of the application.
* Performed Positive Testing and Negative Testing.
* Created and executed Test cases for various types of testing like Black-box, Grey-box, System, Functional, Integration, Backend, Regression Stress and User Acceptance testing.
* Created & maintained Requirements Tractability Matrix (RTM) between Requirements and Test Cases within HP Quality Center.
* Prepared a Traceability Matrix using HP Quality Center to test cases to the requirements and defects.
* Tracked, Reviewed, Analyzed and Compared and Stored defected in Quality Center.
* Involved in performing Back-End testing by writing SQL queries to extract the data from SQL and Oracle databases.
* Involved in Database Compatibility Testing to make sure that the application was compatible when the database was upgraded.
* Performed extensive GUI Testing using QTP.
* Tracked the bugs using QTP and generated reports & Defect metrics.
* Documented the test results and test processes using QTP.
* Scripted reusable functions, user defined function with VB scripts and used library functions.
* Interacted with the development team to fix the defects as per the defect report.
* Provided test reports to the QA management on regular basis.
* Reviewed test estimates, schedules & monitored progress while communicating and coordinating.
* Prepared status compilation and status reporting of the team on weekly basis and handled team.
* Attended Weekly Defect Triage meetings with the QA, Dev, BA team to track status formulated recommendations.

**Environment:**

Oracle, Visual Basic, SOAP UI, XML, SQL, MS Visio, MS Excel, C#, PHP, HTML, JIRA, JUnit, C/C++, HP Quality Center, QTP, UNIX, Window, MS Office, MS Office 365.

**TD Bank, Wilmington, DE**

**May, 2011– June, 2013**

**Software Tester**

* Involved in development of system test plans and test scripts using business and system requirement document.
* Responsible for planning and execution of E2E, Regression Testing from the scope closure to completion of the project.
* Involved in writing Business Process Testing Manual Components.
* Identified the BCR’s (Business Change Request) that will affect the automated test cases, coordinated with manual and automate QA team and updated and maintained the test cases according to the new changes.
* Performed Functionality Testing, Black Box Testing, System Testing, Integration Testing, Regression Testing and User Acceptance Testing.
* Used Quality Center to execute functional scenarios, bug reporting and bug tracking and view and integrate requirements.
* Extensively used Quality Center for defect tracking.
* Used Quality Center to create and attach test results, defect reports and coordinated with development to resolve the issues.
* Executed the Test Cases and tracked defects using Quality Center.
* Created Test Strategy, Test Plan, Test Procedures and Test Cases and tracked defects and enhancement requests using Quality Center.
* Performed backend database testing using and wrote SQL Statements.
* Involved in conducting Functional, Integration, System, and Regression testing using Quick Test Pro.
* Wrote user defined custom functions using VB Script in QTP.
* Created automated steps for the update order component in business process testing (BPT) using QTP.
* Prepared status compilation and status reporting of the team on weekly basis.
* Closely monitored the Change Controls and participated in the Change Control Review meetings.

**Environment:**

.NET, XML, Html, Windows, UNIX, C/C++, C#, Soap UI, MS Office, MS Excel, PowerPoint, Outlook, QTP, Quality Center, Oracle, MS Visio, SQL, Java.

**EDUCATION:**

Bachelor Degree.

**References available upon request**