**Md Hossain**

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**Professional Summary:**

* More Than Six years of experience in Software Testing with creation and maintenance of automated test scripts.
* Experienced in creating Test cases using specification based test generation techniques.
* Proficient in handling Change Control by updating Test plan, Test input data and Test cases.
* Good Knowledge in creating Traceability Matrix, Test Coverage Matrix and Defect Density Matrix.
* Experienced in depth technical of the Software Testing Life Cycle, SDLC, Waterfall and Agile methodologies.
* Experienced in performing Integration testing, System testing, Functional testing, Smoke testing, Regression testing, User Acceptance Testing (UAT).
* Extensively experienced in running manual and automated test using HP ALM /Quality Center.
* Proficient in Bug tracking and reporting using HP ALM/Quality Center.
* Good knowledge of SQL, Toad and database connectivity for Back-end testing.
* Proficient in Functional and Regression of various Enterprise Services and Systems using QTP/UFT.
* Experienced for Check points Like Standard, Text, Text Area, Image and Bitmap using Quick Test Professional/UFT.
* Strong Knowledge in writing QTP/UFT scripts to automate processes of off-the-shelf software such as Microsoft Excel and Adobe acrobat.
* Experienced in writing data-driven regression testing and GUI verification by using Quick Test Professional (QTP)/UFT.
* Experienced in performing automation of regression testing using Quick Test Pro (QTP)/UFT and programmed dynamic VB Scripts.
* Experienced in developing Descriptive programming for Key-word driven Testing using QTP/UFT.
* Proficient in developing and customizing Automation Frameworks using Quick Test Professional/UFT.
* Experienced with application development technologies like HTML, CSS, JavaScript, Ruby on Rails, Databases.
* Ability to manage and delegate numerous concurrent projects, activities, and tasks under time constraints; work effectively with others and have the willingness to learn new technologies as required.

**Professional Experience:**

***UnitedHealth Group, Tampa, FL***

***Test Automation Engineer***

***(Nov’2015 – Present)***

**Job Duties:**

* Worked with different Data Stage components especially are used effectively to develop and maintain the database.
* Documented the business requirements, developed Test plans, Test cases created for the database backend testing and to test database functionality.
* Designed Traceability Matrix to match the test scripts with the Functional design document.
* Worked for validation of Target data.
* Worked on all the stages of SDLC for this project and designed and executed Functional, Integration, Regression, System (End to End) and Backend (Database).
* Implemented HP ALM for Test Planning, Test Case writing, Test Execution and Requirement Mapping with Test Cases.
* Scheduled and executed manual test cases through HP ALM; involved in defect reporting in HP ALM.
* Performed defect tracking and reporting using HP ALM.
* Performed Back end testing using SQL Quires.
* Generated Automation Scripts from Scratch for UFT.
* Performed data driven testing by data driver wizard and parameterization in UFT for web based application.
* Created various Custom functions using VB scripting in UFT.
* Conducted Functionality testing during various phases of the application using UFT.
* Conducted and participated in Defect Triage meetings.
* Researched and made recommendations on tool and technique adoption based upon the requirements of environment.
* Defined appropriate measures to ensure product quality.
* Worked with development staff and product managers to resolve project issues and meet deliverable deadlines.
* Participated in development, maintenance and refinement of internal quality controls.

**Environment: HP ALM, UFT, JUnit, JIRA, Java Script, VB Script, Java, MS Excel, PowerPoint, MS Project, SQL, HTML, MS Office, MS Outlook, XML, UNIX, MS Visio, PHP, Windows**.

***IBM, Gaithersburg, MD***

***QA Engineer***

***(Aug’2013 – Oct’2015)***

**Job Duties:**

* Involved in both Manual and Automated testing of the application.
* Involved in creating project plan, test plans, estimations, and development and tracking projects.
* Reviewed Business Design Document and Technical Design Document.
* Performed in Black box and Functional testing, Integration, Regression, backend testing/database testing.
* Planed, Prepared and updated scripts using HP Quality Center.
* Used HP Quality Center for test plan execution and defect tracking.
* Involved in writing SQL Queries to check Data integrity.
* Used SQL Queries to validate the data in the Oracle databases.
* Developed Automation Scripts in QTP for Functional testing and Regression Testing, Selenium IDE.
* Experienced in Selenium IDE frame work, Designed and documented Test plans
* Developed Data-Driven Automation Framework by using Global and Local spreadsheets in QTP for testing multiple data.
* Inserted check points to check for text, text area and standard properties of an object using QTP.
* Created and maintained Object Repository in QTP.
* Tested multiple integrations and web services applications using QTP.
* Created complex and reusable Test data sets using QTP.
* Performed complex functional, integration, and regression testing using QTP.
* Monitored releases and builds going out to production.
* Tracked production bugs over time.
* Verified all appropriate testing deliverables were met including Weekly Status Reports, Test Schedules and requirements for Test Staffing.
* Produced status reports as required and participated in Lessons Learned Review meetings.

**Environment: Jira, C/C++, C#, SQL Server, MS Excel, VB Script, MS Office, Windows, MS Visio, UNIX, QTP, HP Quality Center, Java, Java Script, Clear Quest, Bugzilla, Oracle**.

***Jp Morgan Chase, Chicago, IL***

***Software Tester***

***(May’ 2011 – July’2013)***

**Job Duties:**

* Involved in requirements analysis reviews and working sessions to understand the requirements and system design.
* Designed and documented Test plans and Use case specifications.
* Assisted QA Team in designing Test Scenarios and Test Cases.
* Performed Positive and Negative testing.
* Conducted Black Box, Grey Box, Functional, GUI, Regression, System and UAT testing manually.
* Created and maintained the Requirements Traceability Matrix and Test Matrix using Quality Center.
* Tracked bugs and reported Defects and maintained Test Reports using Quality Center.
* Performed Back-end data base testing using SQL quires.
* Maintained an Automated Test Suite for Validating Business Flows using QTP.
* Performed regression testing using QTP.
* Performed functional testing by executing the VB Scripts from QTP.
* Created function to convert the QTP report file in to Excel report format.
* Created component based scripting using QTP so that it makes easier to build script for different scenarios.
* Assisted business users in defining User Acceptance Testing, Test Cases and Test Plans.
* Identified business stakeholders to participate in UAT.
* Negotiated and resolved problems and escalated to management as required.

**Environment: HTML, Java, Oracle, Windows, Java Script, C#, SQL, C/C++, MS Visio, MS Office, MS Excel, Web Services, QTP, Quality Center, VB Script, UNIX**.

**Education:**

Master of Public Health Methodology (MPHM), Research Methodology

Diploma, Pharmacy Technician, Sandford Brown College, Tampa, FL, USA

**Technical Expertise:**

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| **GUI / Front-End** | Visual Basic, Visual FoxPro, .NET Framework |
| **Development Methodologies** | Agile, Scrum, Waterfall, RUP |
| **Scripting Language** | Java Script , VB Script, Perl |
| **Real Time Interfaces** | Web Services, IBM MQ |
| **Scripting Languages** | VB Script, JavaScript, TSL, Perl, VBScript, Python, JCL, COBOL |
| **Mainframe Skills** | TSO/ISPF/SCLM, JCL, VSAM, CICS, File aid |
| **Defect Tracking Tools** | HP Quality Center, HP ALM, Clear Quest, Bugzilla, Jira |
| **Configuration Tools** | VSS, TFS, Clear Case |
| **Application Servers** | Web logic, WebSpehere, JBOSS, Tomcat, IIS |
| **Operating System** | MS-DOS, Windows, UNIX, Linux |
| **Languages** | C, C++, C#, Java, XML, HTML, DHTML, COBOL, UNIX Shell Scripting, T-SQL, SQL, PL/SQL |
| **Testing Tools** | HP QTP, HP UFT |
| **Web Services Tools** | SOAP UI, SOAP SCOPE, SOAP XML, WSDL, XML schema |
| **RDBMS** | Oracle, DB2, MS Access, MS-SQL Server |

*References:*

*Available upon request*