Mohammed Baset

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**SUMMARY:**

* Working as a Senior Quality Analyst with 9 years of experience in Automation, Manual and web-based application testing.
* Good exposure and knowledge of various domains including Energy, Telecommunication, Banking, Healthcare and Payment Processing.
* Experience in understanding Business Requirements, analysis and creation of Requirement Traceability Matrix, Test plans, Test Cases based on business, Functional and Technical requirements.
* Involved in business Requirements Review and Defect review meetings.
* Effectively implemented different QA methodologies/policies, Strategies and Plans in all Stages of Software development life cycle (SDLC), Software Testing life cycle (STLC).
* Strong understanding of QA Process, Agile, Waterfall, Rational Unified Process, V-Model SDLC methodologies.
* Experience in performing Manual and Automation Testing
* Extensive working experience on Functionality Testing, GUI Testing, Regression Testing, Integration Testing, System Testing, Database Testing using SQL, User Acceptance Testing (UAT), End-to-End Testing and black box testing.
* Strong knowledge of SOAPUI testing and experience with functional web services tests.
* Experience in writing SQL queries using Toad, MS SQL Server 2012, Oracle SQL Developer.
* Experience in using the Bug tracking tools Application Life Cycle Management (HP Quality Center), TFS, Jira and Rational tools
* Have commendable knowledge and experience in developing Automated tests using TestNG , Robot , Cucumber and Coded UI Framework in VSTS 2008,2010,2015, IntelliJ IDEA and Eclipse.
* Experience in Selenium WebDriver using Programming languages Java, Python and C#.
* Experience in developing and maintaining automated test libraries which include test resources like keywords, functions, methods using JAVA, Python and C# for selenium WebDriver and VB Script for Unified Functional Tool(UFT).
* Experience in using Mercury Interactive/HP Tools like Application Life Cycle Management(ALM) formerly known as Quality Center and QTP- Currently known as Unified Functional Tool(UFT)
* Experience in developing Automation Framework using keyword driven, Data driven and Hybrid Methodology.
* Experience in developing automated backend process using MS DOS, Power Shell and various programming language like JAVA and Python and C#.
* Experience in using Continuous Integration and Continuous Deployment (CI/CD) tool Jenkins.
* Experience in using GIT.
* Effective communication, collaboration & team building skills with proficiency at grasping new Technical concepts quickly and utilize them in a productive manner, also Initiating and participating in all co-curricular activities in organization.
* Monitoring and Mentoring the new team members as and when required.
* Coordinated all the testing phases with Business Analysts, Developers, Business Users, Customers and other team members.
* Quick understanding of applicable programming languages, testing tools.
* Expertise in handling multiple testing tasks and an excellent team player.
* Strong ability to manage complex testing projects across multiple environments.

**Education:**

Bachelor in Information Science, Chittagong University of Engineering & Technology, Bangladesh.

**Technical Skills:**

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| --- | --- |
| Technical/Testing Tools | Visual Studio Team Suite 2015,2012,2010 & 2008, Selenium (IDE, RC, Grid, WebDriver), Quick Test Pro, Unified Functional Tool (UFT),SOUP UI, Putty, Toad, Oracle SQL Developer, MS SQL Server. |
| Automation Frameworks | Robot, TestNG, Cucumber, Coded Ui. |
| Operating System | Windows XP, Win 7, 8, 10 , Windows Server 2008, Windows Server 2008 R2, Windows Server 2012,Ubuntu-Linux, CentOS 7**.** |
| Scripting/Programming Languages | Java, Java Script, Python, HTML, CSS, VB Script, SQL, PL/SQL, C# .NET, XML. |
| RDBMS | Microsoft SQL server management studio 2005, 2008, 2012 and Oracle SQL developer Version 4.0.2.15, Oracle 11g &12c |
| Documentation, Collaboration, Version Control | MS Office, Share-point, Outlook, TFS, GIT |
| CI/CD Tool | Jenkins |
| Defect Tracking Tools | VSTS 2010, 2012 - TFS, MTM, Application Life Cycle Management(ALM), Quality Center –QC, JIRA, Test Director and Rational Clear Quest. |
| IDE | Intellij, Eclipse, VSTS 2012,2015. |

### Professional Experience:

**Customer : Landis+Gyr - Alpharetta, GA**

Role : QA Engineer   
Duration : Nov 2014 – Current. Type : Manual & Automation Testing   
Environment : C#, ASP, .NET, HTML, CSS, JAVA Script, Python, Visual Studio 2015, TFS 2015, IntelliJ IDEA, MS SQL Server, Oracle11g & 12c, Windows Server 2008, Windows Server 2012, CentOS 7, MS Office, Putty

**Project Overview:**

Landis+Gyr Command Center (CC) software an Enterprise application, is used for monitoring and control of advanced metering and grid management solutions. The Software provides support for meter data management system by various companies, communication modules and network management functionality. CC is a browser-based operating software for RF/Cellular/High Voltage networks. Reports are tailored for use by billing, finance, customer service, operations, distribution, planning and engineering departments. Multiple integration partners and cross-platform functionality ensure Command Center will integrate into the entire business.

**Roles and Responsibilities:**

* Involved in complete DST Testing (Daylight Saving Time), Prepay and Multi-Tenancy.
* Perform manual, black box testing of systems related to utility meters and the Command Center
* Handle the integration of software and hardware in the smart grid stream mesh network
* Specialized data analysis including the development of management reports, error documentation, use cases, test plans/scripts, and error log systems.
* Performed functional testing of application by executing Test Steps from Test Cases.
* Provided update to Team Lead about the daily Testing activity progress.
* Defined the test execution and defect reporting needs, determine frequency and communication of these reports.
* Developed Scripts using C# language for Automated Testing Activity in VSTS.
* Developed keywords for Robot Framework using Python and Selenium for Automated Testing in Intellij IDEA.
* Responsible for creating Test Cases in TFS - MTM and execution of the same for assigned modules.
* Created defects to keep track of issues or software bugs which breaks the functionality or doesn’t meet the requirements.
* Involved in retesting the fixed defects and keep track of defects through defect life cycle.
* Involved in Webservice testing using SOAP UI.
* Automated the test scripts using MTM keyword Controls for the web application.
* Executing Smoke and Regression Test cases and reported the defects to the development team.
* Integrated Wireless Radios (IWR), via network and node management tools
* Support business objectives of continuous regression using Test Automation framework for Integrated applications testing via Test Manager.
* Analyze requirements, field defects and user stories, and execute manual test cases
* Test environment includes Visual Studio/Test Manager, Oracle and SQL databases
* Coordinated day-to-day changes, activities for testing, processes, and environment changes/impacts to the Release
* Involved from requirement, analysis till release cycles and making sure that there is no impact to the schedule and quality.
* Provide in-depth analysis of test execution metrics and communicate with project teams to understand changes, impacts, discrepancies.
* Facilitate the Testing Kick-Off Meetings and prepare the PowerPoint presentation.
* Proactively identify and report on defects, issues and dependencies for the project provide a Go/No Go Decision from a testing prospective for all projects.

**Customer** : **Deluxe Financial Corporation - Atlanta, GA**

Role : QA Engineer   
Duration : February 2014 – November 2014 Type : Automation and Manual Testing   
Environment : Windows Server 2008 R2, Windows Server 2012, UNIX, XML, HTML, CSS, VBS, Java, Microsoft Office 2010, Windows - 7, Power Shell, MS DOS, Oracle 11g, SQL Server, Application Life Cycle Management (QC), Unified Functional Tool(QTP), Oracle SQL Developer and Microsoft SQL Server Enterprise Edition, Jira, Git.

**Project Overview:**

* Banker's Dashboard is a software-as-a-service company that provides banks with daily, on-demand access to their total financial picture. It’s a powerful web-based tool that helps financial institution leaders collaborate and share accountability for financial results. It provides actionable insights into bank’s financial performance, makes financial analysis fast and simple. With automated performance analysis and reporting, banks can quickly and easily monitor net-interest margin, balance sheet compare, balance sheet, earning assets mix, funding mix, loan concentration, liquidity report, allowance for loan loss adequacy, Capital requirements, capital ratios, risk weighted assets worksheet, historical monthly loans, loan maturities, loan repricing, prime rate shock etc. Banker’s Dashboard can focus on developing better strategies and tactics to control net interest margin, branch performance, loan officer performance and more. Bankers also be able to solve problems in a quick and timely manner and keep a constant eye on bank performance against budget using this software.

**Roles and Responsibilities:**

* Analyzed Business Requirements and Functional Specifications to develop Test Plan, detailed Test Scenarios and Test cases.
* Have written test cases on different business scenarios like executive summary, ratio analysis, balance sheet comparison, balance sheet, earning assets mix, funding mix, loan concentration, liquidity report, allowance for loan loss adequacy, Capital requirements, capital ratios, risk weighted assets worksheet, historical monthly loans, loan maturities, loan repricing, prime rate shock etc.
* Executed test cases in Smoke and regression environments.
* Performed the Back-End testing to ensure data consistency on front-end by writing and executing complex SQL queries including different types of JOINS to fetch loan numbers, balance sheet comparison, earning assets mix, funding mix, income statement, non-interest income, non-interest expense from Oracle and MS SQL Database using tools like Oracle SQL Developer and Microsoft SQL Server Enterprise Edition.
* Executed manual test scripts and logged and tracked the defects using ALM - Application Life Cycle Management (Formerly known as Quality Center).
* Actively involved in GUI, functional, integration, system, and regression testing.
* Track issues and work with project managers and developers to solve issue resolutions.
* Documented and communicated test results to the Team Lead.
* Provided weekly project condition to the project managers and the testing managers.
* Created Automated Test Plan and Developed Hybrid Framework for daily Smoke and Weekly Regression testing using VB Script and Unified Functional Tool (Formerly known as QTP).
* Automated and maintained backend process to deploy resource files to different VMS in the cluster using MS DOS and Power shell script to meet the requirements and QA Objectives like daily scheduled reporting for test results as defined by the managers and the products.

**Customer :** **Verizon Communications –** **Alpharetta, GA**

Role : QA Engineer   
Duration : Nov 2012 – Jan 2014 Type : Manual & Automation Testing   
Environment : Java, JSP, Shell scripting, IBM Web Sphere, Oracle, MS Office, Quality Center, QTP, MS Access 2010.

**Project Overview:**

eNPC Transport System is the next version of existing application TIAS (Fallout Management System) which will be integrated into eCO System. TIAS or Transport Intelligent Analysis System is a web-based system used by NPC personnel for analysis, management and resolution of TEMS (Transport Element Activation Manager System) fallout items. TEMS fallout items flow through to the database through a poll mechanism. These items are analyzed, accepted and closed via the web interface.

**Roles and Responsibilities:**

* Created test plans which described the features and functions to be tested.
* Participated in writing the test approach document, business requirements and test cases.
* Created and executed test cases based on the business requirements.
* Created and executed test cases using Quality Center.
* Performed integration and system testing.
* Used QTP for regression testing.
* Performed positive & negative testing as well as end-to-end manual testing.
* Involved in total testing life cycle and updating the scripts after new migration.
* Developed test execution matrices during the test cycle.
* Implemented SQL queries with joins and aggregate functions for testing backend functionality and reports.
* Analyzed and reported the defects to the developers using email and bug tracking tools.
* Work with developers and release managers to discussed ways to reproduce and fix the defects.

**Customer : Bloomin’ Brands Inc. – Tampa, FL**

Role : QA Analyst  
Duration : Aug 2011 – OCT 2012 Type : Manual & Automation Testing   
Environment : .NET 4.0, Microsoft Web API, Java, XML, SQL Server Integration Services (SSIS), QTP, HP Quality Center, Microsoft SQL Server 2008R2.

**Project Overview:**

Bloomin' Brands is one of the world's largest casual dining company that handles Carrabba’s, Outback, Bonefish, Flemings’ and Roy's for all Menu Items updates, Sales, Inventory, POSi and Websites. In this project new Online Ordering widgets are designed for each Carrabba's and Outback Steakhouse. This Application also interacts with POSi and OLODataBase to do the Menu sync, Out of stock and End dated items.

**Roles and Responsibilities:**

* Involved in the design reviews and provide input on functional requirements for Online Ordering.
* Developed test plans and test cases for functional and regression testing using Quality Center
* Created automation scripts for functional and regression testing using QTP.
* Performed multiple platform web testing for Carrabba's and Outback Online ordering.
* Performed backend audits and ran SQL queries to perform Integration and validation testing for Online ordering Data base.
* Performed Smoke testing, Functional testing, regression testing and Acceptance testing.
* Documented the periodic defect status with the help of QA Metrics using Quality Center.
* Performed web service validation using SOAP UI
* Performed defect review meetings with project stakeholders representing the QA department at a professional level.
* Created Daily Test status Report, Weekly Test status report, Test coverage report and Final Test Report.

**Customer : VeriFone – Clearwater, FL**

Role : QA Analyst  
Duration : Jan 2010 – July 2011 Type : Manual & Automation Testing   
Environment : UNIX, C++, Java, XML, DB2, HP Quality Center, QTP, Toad, Rational Clear Quest.

**Project Overview:**

VeriFone is a global leader in secure electronic payment technologies providing solutions, services, and expertise that enable electronic payment transactions and value-added services at the point of sale. VeriFone software technology changes insight and forward thinking development from payment processing, POS integration to card acceptance. The COPPAK project develops new Viper software for Petroleum C stores using Sapphire, Ruby and Topaz. Viper is an electronic payment system that securely process electronic payments including credit, debit, loyalty, gift cards, checks, EBT and more with ConocoPhillips Front end processer. Part of this project is also design to give applied discounts, network messages, reports and ConocoPhillips specified receipts.

**Roles and Responsibilities:**

* Developed test plans and automated test scripts for functional and regression testing using Quality Center.
* Verified that the new applied discount function is getting a ticket level and PPG discount as per NTS card table.
* Verified each network packet request and response for each Credit card transactions and verified the transaction timing.
* Performed network transactions and verified network messages are printing correctly on receipts for each card type.
* Verified the batch and sequence number are matching with POS and Host side totals.
* Performed backend audits and ran SQL quires with Toad using DB2 Database server to perform Integration and Configuration testing for reporting system.
* Performed regression testing on every beta and production release for changes in network, reports and receipts.
* Involved in performing Black Box testing, regression testing and Acceptance testing.
* Performed performance testing for all network transactions by connecting 12 topazes.
* Performed User Acceptance Testing for the operational using manual testing method as per Software Requirement Specifications.
* Setup and managed test environment to mirror production processes for this System Enhancements using Mercury test tools. This was a key to the success of these processes in production.
* Documented the periodic defect status with the help of QA Metrics using Quality Center.

**Customer : Blue Cross Blue Shield – Chicago, IL**

Role : QA Analyst.  
Duration : Aug 2008 – Dec 2009 Type : Manual Testing  
Environment : Visual Studio, Style Cop, WCF Test Tools, Octopus deployment tool, SQL Server 2005, MS Excel 2007.

**Project Overview:**

BlueCross provides various health plans to the customer including Medicare and Medicaid. BlueCross is using different products and applications for enrolment and to process their claims. These claims validated using different validation process and loaded into system.

**Roles and Responsibilities**

* Analyzed user requirements and software requirement specifications documents
* Involved in Integration/End to End testing on web application.
* Used QC to integrate the requirements across tools and teams in order for the team members to have access to the project vision, goals and specifications
* Documented test plans and tests cases using QC by reviewing the requirement specifications.
* Executed test cases manually and identified the mismatches and logged defects through QC
* Performed testing on EDI Transaction like 276,277 and 837.
* Created user defined functions to enhance the maintainability of test scripts.
* Communicated defects encountered using regression test and followed-up
* Performed manual functional/regression positive and negative testing.
* Involved in the weekly status update with the manager and the project leader

**Customer : Gerber Foods – Grand Rapids, MI**

Role : QA Analyst.  
Duration : Aug 2007 – Aug 2008 Type : Manual Testing  
Environment : SAP 4.6c, Oracle 8i, UNIX, Java, Web Logic 7.0, MS Visio, Microsoft Project 2000, HP Quality Center

**Project Overview:**

Supplier Portal Integration: The project aims to develop an interface that integrates between a new third party Portal called Ariba to the existing SAP ERP system. The interface provides tools upload/download to transactions related Accounts Payable process.

**Roles and Responsibilities:**

* Developed test plans and test cases for SAP modules – Purchasing and Finance (PO Upload Process, Invoice Post and Payments) of the Ariba interface.
* Provided application support for customers.
* Tested the various aspects of the modules such as – input file format conformance, output file format conformance, business process rules conformance and business process constraints conformance – as defined in the technical specifications and requirements documents.
* Tested the system’s boundary scenarios such as blanket orders, duplicate orders, incremental orders, and checking for the boundary values in the interface.
* Conducted End-End testing and automated the test using Mercury Tools.
* Performed GUI testing, Regression testing, Functionality testing, and stress testing.
* Managed testing requirements in the Requirements Manager of Quality Center.
* Managed the Traceability between requirements and test cases.
* Involved in performing both White Box Testing and Black Box Testing.
* Performance testing was done using LoadRunner by planning the load by analyzing Task distribution diagram, Transaction Profile and User profile, creating virtual users and analyzing different reports.
* Interacted with programmers to identify and resolve technical issues.
* Participated in Walkthrough and defect report meetings periodically.