**Mamata**

**[mamatakumarigc@gmail.com](mailto:mamatakumarigc@gmail.com)**

**929-382-1850**

**PROFESSIONAL SUMMARY:**

* Over 5 years of experience in Software Quality Assurance and Testing involving Client /Server, ETL and Web based applications.
* Extensive experience working in banking industry.
* Excellent understanding and knowledge of Business intelligence tools for various applications of ETL, Reporting, Data mining, Data warehousing, and Analysis of data.
* Experience in testing Client/Server, Web-based Applications, and Mainframe.
* Knowledge of Software Development Life Cycle (SDLC) methodologies.
* Experienced in writing test plans, test cases, developing, maintaining test scripts as well as documenting all phases of QA process.
* Worked Extensively with Manual and Automated Testing.
* Proficient in manual testing of Web-based applications, Mobile application, Web Services (SOAP and REST) and XML data validation.
* Worked on Autosys for Batch Processing ETL, SQL subprograms and performed backend testing.
* Worked heavily on testing various Data warehouse ETL process with Informatica Power Center, as well as many reports developed used Tableau as a BI tool.
* Experience in software performance testing in client/server and web environments using automated testing tools like HP ALM/Quality Center.
* Expertise in developing QA Test Plan, Test Conditions, and Test Cases; ensuring adequate testing of software both before and after completion; conducting and documenting UAT.
* Performed Cross Browser Testing.
* Proficient in testing database of applications developed with SQL Server, Oracle and MS Access.
* Experienced in Web Service testing by using SOAP UI.
* Involved in Front End & Back End Testing.
* Have extensive knowledge of Regression testing, Functional testing, System testing, Black Box testing, Integration testing, Back-end testing, Browser Compatibility testing, GUI testing and Volume & Stress testing.
* Experienced in manual testing of applications developed on Windows and Mac.
* Hands on Experience in developing Web based portals using JavaScript, HTML and Web Focus Technologies.
* Expertise in software management tools like HP Quality Center for Defect tracking and reporting.
* Hands on experience with validating data in various formats including XML.
* Knowledge of SQL and experience of writing SQL commands.
* Strong knowledge in Risk Management.
* Maintained Test Matrix and Requirements Traceability Matrix (RTM).
* Familiar with Loan Origination and Loan Application Process.
* Good team player with excellent communication skills, vendor experience and ability to lead, manage, coordinate and work independently in a time sensitive environment.

**TECHNICAL SKILLS:**

**Testing Software** : - HP ALM/Quality Center, JIRA, SOAP UI

**ETL Tool** : - SSIS, Informatica Power Center

**Bug Reporting Tools** : - JIRA, ALM/QC, Bugzilla

**Operating Systems** : - UNIX, Windows

**Databases** : - Oracle, MS Access, SQL Server

**Web Technologies** : - HTML, XML, SOAP UI

**Reporting Tools** : - Tableau

**Other Software’s** : - MS Project, MS Office

**PROFESSIONAL EXPERIENCE:**

**Zions Bank, Salt Lake City, UT Feb 2017 – Till Date ETL / QA Tester**

**Project Description:** Zions First National Bank is one of the oldest financial institutions in the intermountain West. Zions Bank provides a wide range of traditional banking and innovative technology services. Through its network of 122 full-service financial centers across Utah, Idaho and Wyoming, the bank offers consumers a range of mortgage and home equity loan options, AmaZing Rewards® credit cards, Private and Executive Banking services, and online and mobile banking. The project Involved in testing the ETL processes which loaded the data into data warehouse. Various activities are tracked and managed with in an application and the status is fed to the data warehouse to provide performance reporting and improve targeting capability.

**Responsibilities:**

* Involved in Defining, and Analyzing the Test Requirements based on the Application Functionality and develop Test Plans, Test Cases and Test Script in HP ALM/Quality Center.
* Use the standard software testing life cycle (STLC) to design test artifacts.
* Assisted in gathering the business requirements, ETL Analysis, ETL test and design of the flow and the logic for the Data warehouse project.
* Tested Complex Data warehouse ETL Mappings and Sessions based on business user requirements and business rules to load data from source flat files and RDBMS tables to target tables.
* Validated the data thru various stages of data movement from staging to Data Mart to Data Warehouse tables
* Developed ETL test cases for various lines of businesses based on ETL Informatica mapping document.
* Backend testing of the DB by writing SQL queries scripts to test the integrity of the application and SQL Server databases.
* Created write Test Plan and test strategy for project/module/requirements to be tested in the future by the help of HP ALM/QC.
* Performed manual testing including functional, system and performance testing.
* Attended daily/weekly defect review agile meeting to discuss the various defects with developers and BA's.
* Used HP ALM/Quality Center to house all test documentation and report/track all issues, defects and communication between different teams.
* Performed Database Testing using SQL queries to ensure data consistency between Front-end application and back-end database.
* Fired various SQL queries to validate data inserted, deleted and updated in the SQL Server database.
* Responsible for validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using ETL Informatica Power center.
* Responsible for validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using Informatica.
* Involved in investigating the errors by tracking the root cause for the error.
* Extensively used Informatica Power Center tool for testing and supporting data extraction, transformations and loading processing in a corporate-wide-ETL Solution.
* Worked in Agile methodology and Participating in daily scrums and weekly story grooming meetings with SMs/PMs to meet expectations and deadlines.
* Performed rigorous manual testing such Functional Testing, Smoke testing, Integration testing, Backend Testing, Regression Testing, End to End Testing and System Testing.
* Backend testing of the DB by writing SQL queries scripts to test the integrity of the application and Oracle databases.
* Written Complex SQL Queries. To do manual testing in my feature on the SDM tool for every release and check the configurations.
* Design and document Data warehouse (EDW) testing strategy covering the test cases for Validating the data completeness and correctness, system performances of the ETL processes etc
* Good understanding of the data validation and data driven testing in web services testing.
* Tested the Data mining applications for data validation using SQL queries.
* Perform the web service testing using the development tool and verified the correct data sending and receiving through SOAP envelop messages in the XML format.
* Interacted with the end users to define and document data warehouse business requirements as the foundation for database design, data extraction and analysis.
* Creating and executing SQL queries to perform Data Integrity testing on SQL Server Database to validate and test data using TOAD.
* Wrote SQL scripts to validate the database systems and for backend database testing.
* Raised defects in HP ALM/ Quality Center defect tracking system.
* Good experience in writing SQL in order to data validation in migration as part of backend testing worked with ETL group for understating mappings for dimensions and facts.
* Performed Functional Testing, System Testing, Ad-hoc Testing, Integration Testing, End to End Testing, Regression Testing, Exploratory Testing and User Acceptance Testing (UAT).
* Worked on issues with migration from development to testing.
* Good experience with MS Tools like MS Visio, MS Word, Excel & PowerPoint.

**Environment**: Agile Scrum, HP ALM/QC, Enterprise Data Warehouse, ETL, Informatica Power Center, Tableau, Data warehouse, Data Mining, SQL Server, HTML, XML, SQL, MS Visio, MS Word, Excel & PowerPoint, Windows.

**Capital One Bank, Vienna, VA Feb 2015 - Jan 2017 ETL / QA Tester**

**Project Description:** Capital One Financial Corporation is a bank holding company specializing in credit cards, auto loans, banking and savings accounts headquartered in Capital One Tower in McLean, Virginia. Capital One is ranked 10th on the list of largest banks in the United States by assets. I worked as an ETL/QA Tester with the below mentioned responsibilities.

**Responsibilities:**

* Creates, prepares, reviews and executes quality assurance activities, including the Test Plan, Test cases, Test scripts, Test Summary and regression testing using complex SQL.
* Written SQL queries to perform operations like joins in the source database.
* Involved in preparation of Test Plans for different modules and documented Test cases and scripts for various screens of the application.
* Developed Test Cases for testing the mapping designs before going to the production phase.
* Developed test reports, which compare the sources and the desired targets.
* Involved in understanding the Requirements of the end Users/Business Analysts and Developed Strategies for ETL processes.
* Responsible for Mini specifications document that describe the functionality of each subject area.
* Tested new Data migration tool used in the mapping of data to new system.
* Performed the Back-end Integration Testing to ensure data consistency on front-end by writing and executing SQL statements.
* Experienced in writing Teradata SQL Queries, creating Tables and Views by following Teradata Best Practices.
* Worked with business team to test the reports developed in Tableau.
* Validated the data of reports by writing SQL queries.
* Worked as ETL Tester responsible for the requirements / ETL Analysis, ETL Testing and designing of the flow and the logic for the Data warehouse project.
* Created and executed SQL queries to perform Data Integrity testing on SQL Server database to validate and test data using TOAD.
* Maintained requirement traceability matrix (RTM), test cases, scripts, test suites in Quality Center.
* Managed defect lifecycle, tracked and logged defects, developed and maintained reports in Quality Center.
* Used SQL queries for Back-end testing and Data integrity testing.
* Created scripts to maximize reusability by regular expressions and parameterizing checkpoints for GUI and functional verifications.
* Involved in extensive data validation using SQL queries and back-end testing.
* Performed various types of testing, such as Functionality, Regression, GUI Interface, Integration System, User acceptance and, end-to-end testing.
* Coordinated with different users in UAT process.
* Coordinated meetings with the Development teams for appropriate handling of the bugs and their timely resolution.

**Environment**: Agile Scrum, Quality Center, ETL, Informatica, Tableau, SQL Server, SQL, SOAP UI, XML, HTML, UNIX, MS Visio, MS Office Suite, Windows, UAT.

**Santander Bank, Dorchester, MA May 2013 - Jan 2015 QA Analyst**

**Project Description:** Santander Bank is one of the country's top retail banks by deposits and a wholly owned subsidiary of one of the most respected banks in the world: Banco Santander. I had worked on Universal Online Banking Application (UOB). It is a web based application that is accessed by the external (customers) and internal (employees) of Santander Bank. I was also involved in several modules of the application like Account Activity, Payments, Transfers, Check Services, etc.

**Responsibilities:**

* Worked closely with Business Analysts and Developers to gather Application Requirements and Business Processes in order to formulate the test plan.
* Created Windows network infrastructure.
* Performed end to end and Functional testing for UOB Application.
* Configured settings in backend system (SAM) to perform testing for the front end (GUI).
* Created high level strategy documentation and detailed test documents.
* Executed automated test cases and performed Back End Testing in manually.
* Performed Black box testing on the IVR system for Home Loan Status.
* Tested the performance of IVR functionality by increasing the call flow.
* Scripting the test cases for component and UAT using Quality Center.
* Responsible for logging the defects in Quality Center and verifying all the cycles of the defect.
* Participated in regular meetings with developers for reviews and walkthroughs.
* Created Data for XML Requests in SOPA UI.
* Created Mock Services using SOAP UI.
* Written SQL queries for backend testing of the SQL Server database.
* Interacted with developers, business analysts and discussed technical problems and reported bug. Involved in conducting User Acceptance Testing (UAT).
* By using Quality Center, created, maintained, Executed Test Scripts and Conducted GUI Testing.
* Modified test scripts created by the system test team to meet UAT needs
* Supported User acceptance testing (UAT) in preparing the test scripts and test execution.
* Created and maintained the Requirements Traceability Matrix (RTM).
* Performed Negative and Positive testing manually.
* Used Quality Center for bug reporting, tracking and documentation on the Bug tracking System.

**Environment**: Agile, Quality Center, SQL Server, SOAP UI, XML, HTML, SQL, Mainframe, MS Office, SharePoint, UNIX, UAT.