**SANJIB BASTOLA**

**PROFESSIONAL SUMMARY**

* Over 6+ diversified experience in Quality Assurance and Software Testing.
* Extensive knowledge of SDLC (Software Development Life Cycle) including Waterfall, Agile -Scrum methodologies.
* Performed Manual and Automated Testing on Windows and UNIX platform.
* Experience in writing Test Plans, defining Test Cases, developing and maintaining Test Scripts and documenting all phases of the QA process.
* Well versed in Mercury Interactive Manual testing tools like Quality Centre
* Implemented Sanity Testing, Smoke Testing, Black Box Testing, GUI Testing, Functionality Testing, Performance Testing, Positive and Negative Testing, Unit Testing, Security Testing, Stress Testing, Integration Testing, System Testing, Volume Testing, Load Testing, User Acceptance Testing (UAT) and Regression Testing of Web Based Applications and Client-Server Applications.
* Industrial practice on Cosmo, Scope, Greenplum and knowledge of Hadoop, Hive and mapreduce structure and hierarchy of big data.
* Experienced to use cases and read existing use cases, and also executing the test as well
* Experience in reporting bugs using Bug tracking tools such as HP QC and JIRA.
* Reviewed Requirements in Requisite Pro and develop Test Cases/Test Scripts, execute tests and log results in Rational Test Manager.
* Execution of Manual/Functional testing, SIT, Regression testing and UAT
* Experienced in GUI, Regression, and Functionality Testing.
* Experience to execute test life cycle activities, which include but are not limited to stand test execution, cross system test execution, regression, end to end and defect fix tests
* Involved in Black Box, Positive, Negative, System integration Testing.
* Experience in Stress, Load, Performance and Volume Testing.
* Involved in maintaining Test Matrix and Traceability Matrix and performing Gap Analysis.
* Excellent communication, presentation, interpersonal and time management skills.
* Ability to handle multiple scenarios with rapidly changing priorities and deadlines.
* Experience to work with various stakeholders within Advantage to provide timely and accurate data mapping, data analysis for successful migration of the data from source to target system
* Experience in interacting with business analysts, developers, and technical support groups.

**TECHNICAL SKILLS**

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| **Business Methodology**: Waterfall, Agile |
| **Business Modeling Tools**: Microsoft Visio, Rational Rose, EA |
| **Testing Tools**: QC/ALM, Load Runner, SOAP UI, MTM Test Ng |
| **Defect Tools:**HP Quality Center/ALM, Microsoft Visual Studio, RCQ |
| **Database:** MS Access, SQL-Server, Oracle |
| **Languages**: HTML, CSS, XML, SQL/T-SQL |

**PROFESSIONAL EXPERIENCE**

**Sallie Mae, Wilmington, DE**

**QA Tester**

**Sep 2014 – Present**

Sallie Mae is a leading financial firm assisting individuals with student loans. Sallie Mae is a trusted company providingGraduateand undergraduate student loans. The project encompassed the development of online tool for agents to assist customers in loan origination and subsequent Processing. Also, enhancing the existing online web application portal and introducing new loan programs.

**Responsibilities:**

* Assist in developing Test Plan, which detailed the testing scope, strategy, test requirements, and necessary resources.
* Assist in writing, developing and documenting test cases based on corresponding business /user requirements documents & technical specification and other operating conditions.
* Attended planned meetings, and documented User Change requests as per the business team.
* Analyzed user change requirements, and made necessary amendments to the test requirements.
* Perform and execute compatibility testing.
* Performed and took part in Integration and Regression testing for the entire application.
* Strong experience in performing Functional testing.
* Created Requirement Traceability Matrix for future UAT Testing and maintained documentation for the whole testing process.
* Performed Regression testing for this module.
* Took part in internal Agile transformation and in presenting the company's Agile transformation to customers.
* Tested the whole program as well as specialized in several input applications.
* Conducted Black Box Testing for Applications.
* Worked on UAT with entire group of Business users and BA team and verified its results.
* Worked with Big Data and Hadoop File System (HDFS).
* Used to manage and review the Hadoop log files.
* Was involved in executing SQL queries on Oracle, Hadoop, SQL server tables in order to view successful transactions of data and for validating data.
* Found, reported and also traced the status of bugs using QC.
* Extensively worked on any requirement upgrade and/or change request while doing UAT.
* Created reports that included general overview, open bugs, new bugs, and enhancement requests. Entered new bugs and maintained the current status of those bugs.

**Environment:**Quality Center, Solution Tracking System, Hadoop, MS Project, Microsoft excel, Microsoft word.

**Capital One, Richmond,VA**

**Quality Analyst**

**Dec 2012 – Sep 2014**

Capital One is one of the leading Consumer banks in USA. This application OLB (Online Banking) is an up gradation to its existing online banking application to provide better online banking services to customers. Primary needs of this project are to provide additional online banking services like Online Money Transfers, Online Credit Card Payments and Online Investment Management.

**Responsibilities:**

* Participated in requirement walkthroughs and creation of test plan.
* Involved in developing Test Plans, Test Cases to test the Screens and workflows for Quality Assurance.
* Wrote Test Cases from the Test Plan and manually tested the application
* Manually performed Functional Testing of the application from the test cases
* Manually conducted Positive Testing / Negative Testing.
* Brainstormed possible risk scenarios, thus formulating and implementing ad-hoc solutions to stay within project budget. Using Hadoop for big data.
* Performed Regression Testing after bug fixes or system enhancement.
* Performed Integration testing and Configuration testing.
* Effectively used Plan View for Project document repository, updated risks and issues related to UAT, updated documents related to Testing / UAT, Test files, Test data in the shared folders
* Using Mercury Quality Center submitted the bugs, verified and resolved the bugs, Change Requests and raises the issues
* Modifications were tested using standard product database against approved Technical Specification prior to customer distribution.
* Identified the test scenarios and performed Web Services functional testing using Soap UI.
* Tested the Web services and verified the correct data is sending to the other systems through XML by using internal tool and SOAP UI.
* Imported WSDL using SOAP UI and created the test suites and ran the test case by entering the request parameters in SOAP request envelope and verified the SOAP response envelope.
* Verified the application’s functionality on different Configurations.
* Performed User Acceptance Testing (UAT) manually.
* Analyzed and plan data using reports and graphs generated in QC
* Documented defects in Enterprise Quality Center and helped developers identify the modules and code sections to be fixed.
* Used JIRA as well for story writing and defect tracking

**Environment:** Windows XP/7, Quality Center, JIRA, Hadoop, Microsoft Internet Explorer, Oracle, SQL, SOUP UI

**Countrywide Financial Austin, TX**

**QA Tester**

**Nov 2011 – Oct 2012**

Countrywide Financial is a diversified financial company engaged primarily in residential mortgage banking and related businesses. The application consisted of two main modules. The first module was the one where Countrywide’s representative submits customer’s application in a fronted top view and Lender can view the information of the customer. The desktop Underwriter was the loan-underwriting engine where Lender makes decision whether to approve a loan or not. When Lender submits their loan data into the system, the system is run through regression and statistical analysis. Decisions are based on the result of the analysis. I performed testing on each of the modules.

**Responsibilities:**

* Involved in developing Test Cases and Test Plans according to the Business Requirements
* Created and Maintained Test Cases in Quality Center.
* Experience to test various mobile device to use IOS and Android
* Tested the Script for different sets of data using parameterization and Data Driven testing.
* Excellent understanding of QA Methodology and Defect Life Cycle.
* Maintained Traceability Matrix and conducted Gap Analysis.
* Interacted with the developers and other team member to discuss the issues and reported the details of the bugs using Mercury Quality Center reporting tools.
* Developed detailed test plans and test cases, Enter and Exit criteria for the application being tested and ensured that standards for documentation were followed.
* Created and maintained the Tractability Matrix and Test Matrix.
* Troubleshoot new releases and production issues. Interacted on a regular basis with web developers and business analysts on any Change of Requirements.
* Performed Manual Testing on different modules of the application.
* Executed Sanity Testing to determine whether software is performing well enough to accept it for testing effort & Smoke Testing to determine possibility of further testing manually.
* Performed Smoke Testing, Security Testing, GUI Testing and User Acceptance testing.
* Manually conducted Positive Testing by putting correct inputs to ensure that it functions as desired and Negative Testing by putting incorrect inputs to ensure that it fails gracefully.
* Used UNIX Shell Scripts to extract data from the database for Back End Testing
* Used QC for Tracking Defects and Reporting Bugs.
* Defined Test Steps for each test in the Tree. Also, created Manual Tests in QC
* Scheduled a test using Test Run Schedule in QC.
* Participated in the Project Meetings and Walkthroughs in pursuit of Information Sharing as well as resolving the intermittent issues of concern Drafted Test Strategies, Test Cases and Test Plan based on Functional Specification.

Environment: Windows XP/7, SQL, Oracle, Microsoft Internet Explorer, Mozilla Firefox, QC

**Piedmont Healthcare, Atlanta, GA**

**QA Tester**

**March 2010 – Sep 2011**

Piedmont has been leading provider of healthcare services in Georgia. Piedmonts medical services include woman, cancer, neuroscience, heart, and transplant services. My project involved analyzing Business Requirements for the Claims Business Area and updating EDI Transactions with the HIPAA 4010 to HIPAA 5010 changes and for that participated in full life cycle implementation (SDLC) from project initiation to final deployment. The project also involved upgrade of the system that currently used HIPAA 4010 to comply with HIPAA 5010. Gap Analysis was performed and changes were identified in HIPAA5010 so as to upgrade the Medicaid Management information system (MMIS) to comply with the new standards mandated by HIPAA.

Responsibilities:

* Created the Test Plan based on the business requirements
* Wrote Test Cases to be implemented during the project
* Revised and Updated the Test Cases for testing in each subsequent cycle to reflect the changing business requirements
* Interacted with Business Analysis team to validate requirements
* Interacted with the developers to help resolve critical issues
* Planned, Coordinated, and Monitored project levels of performance and activities to ensure project completion
* Involved in implementing the test strategy and performing various analysis
* Involved in conducting meetings with the Internal Management to assist with Enhancement Requirements clarification, Data Gathering and Feasibility Studies.
* Manually tested the GUI interfaces of the application for Functionality Testing
* Performed Sanity Testing manually, also performed BAT for every new build released
* Conducted Manual Functionality and Regression testing for each build and version
* Maintained Test Matrix and Requirements Traceability Matrix, Test Data Requirements Matrix
* Set-up, coordinated and performed Usability Testing with the Business Analysts and Business Users

**Environment:** QC, Windows XP, MS SQL Server, DTS, HTML, Oracle