**Umesh Manandhar**

**Work Summary**

* 7+ years of strong experience Software Quality Assurance(QA) and Data Warehouse Testing with manual & Automation testing of web, client/server
* Extensive working Experience in software Development Life Cycle (SDLC) especially in Object-Oriented Analysis & Design (OOAD) in User Requirement Analysis, Functional Specifications, Change Controls, Defect management and Identify Test Requirements.
* Very good understanding of Data Warehousing concepts, Data Analysis, Data Warehouse Architecture and Designing.
* Experienced in automated testing using Quick TestPro (**QTP**), Win Runner, HP Quality Center and Load Runner.
* Solid Back End Testing experience by writing and executing SQL Queries.
* Proficient experience in different Databases like Oracle, MS SQL Server.
* Created test documents like QA Status Report, QA Summary Reports, QA Test Logs, Test sign-off, Maintain issue and defect databases.
* Demonstrated excellence in creating and developing test Plan, test cases & test data.
* Experience in manual testing with expertise in White box, Black box Integration, regression, functionality, User Interface (UI) and Performance testing.
* Executed test scripts to validate test cases, which includes creating and executing complex automated test scripts.
* Extensive working experience of testing concepts, verification and validation techniques, defect management, quantitative methods, risk management and measurement programs.
* Versatile Team player with good communication, Leadership and interpersonal skills.

**SOFTWARE SKILLS**

* **Operating Systems/Languages** - Windows, UNIX, C, C++, JAVA, SQL, VB
* **Testing Tools** - Mercury Interactive Win Runner, **Load Runner**, Quick TestPro, Test Director, Quality Center
* **Conversant with Web Technologies -** HTML, ASP, XML, DHTML, VB script, Java script, Soap UI
* **Documentation Tools** - MS-Office, MS Visio, MS Project.

**Partners HealthCare System, Boston, MA Feb 2015 to Till Date**

**QA Tester**

Project involves developing and testing of a web application that servers the Pharmacies and Hospitals to fulfil the daily medication needs of hundreds of thousands of residents throughout the country based on the customization on the client. This application also helps clients them provide quality care, control costs, and remain compliant with ever-changing regulations.

**Responsibilities**

* Prepared Test Plans based on analyzing the use cases, Business process specification documents and UI documents
  + Attended review meetings and walkthroughs to discuss the status of the work.
  + Prepared Test Cases and detailed test procedures using **QTP** for testing the application under test.
  + Used Rational Quality Manager to create test cases and test plans that included functionality testing, destructive testing, error testing, negative testing, and any additional tests for management of the test scripts.
  + Used Rational Team Concert to submit defects.
  + Worked with data management and other groups to make sure that quality procedures are integrated into their work processes.
  + Verified and Validated the Automated Test scripts.
  + Used Rational Functional Tester to create and maintain automatic test scripts and test suites.
  + Exported Test Requirements and Test Cases from Excel and Word to **QTP**.
  + Created test scenarios for System testing and Regression testing.
  + Good experience in testing application during code changes, code updates,
  + By using Execution Grid, run all manual and automated test cases in **QTP**.
  + Conducted End to End and Black box testing.
  + Created automated steps for business process testing (BPT) using Quality Center and **QTP**.
  + Derived **UAT** test cases using different white box, black box and experienced based techniques.
  + Tracked to resolution all **UAT** environment and data test issues before code is released for test.
  + Utilizing SQL and Visual Basic in establishing the baseline data.
  + Tested the **EDI 834** interfaces, Developed test cases and test scripts for all **834, 835, 837 278**, **276**, **277**, Institutional and Professional **HIPAA** Transactions
  + Involved in executing SQL queries for back-end testing.
  + Involved in logging and tracking defects in Dev Track (defect management tool) with proper severity and priority.
  + Designed and Developed Test Cases and Test Scripts from SRDs, BRDs, TDD's and documented them in ALM (Application Lifecycle Management).
  + Worked on tracing the requirements with test cases using **QTP**.
  + Performed Database Testing by passing SQL Queries to retrieve data from the Database.
  + Logged the defects in QC and retested the application after the defects are fixed.
  + Tested Web page presentation manually for different browser compatibility.
  + Identified required test data to execute test cases.
  + Executed Test Cases manually and verified actual results against expected results.
  + Attended meetings to discuss on status of defects and projects.
  + Interacted with developers regarding priority of bugs and update the status of bugs once they are fixed.
  + Executed test cases before and after bug fixes for each build for User acceptance.

**Xerox Services, Sacramento, CA Jun 2013 to Jan 2015**

**Quality Analyst**

The Department of Health Care Services (DHCS) has contracted with Xerox State Healthcare, LLC (Xerox) to deliver a system called Health Enterprise, which will replace the current Legacy California Medicaid Management Information System (CA-MMIS). As a QA Analyst, I was involved in writing the test cases and the test scripts of the various functional areas of the system like Operations Management, Provider Eligibility and Enrollment Management and Member Eligibility and Enrollment Management.

**Responsibilities:**

* + Participated and be an active contributor in daily scrum meetings, requirements/story review meetings, and design reviews and preparing release notes for each sprint
  + Developed various test cases for testing **HIPAA** **837I**/**P** and **277**.
  + Involved in testing **HIPAA** Transactions & Code Sets Standards like (820- Premium Payment for enrolled health plan members, **834**- Enrollment /Disenrollment to a health plan, **835**, **837** etc.)
  + Highlight to test manager and the scrum master about the risks and issues that can or impacting the test phase
  + Prepared the traceability matrix to fill the gap between the requirements and the test cases covered.
  + Prepared Test Plan wrote Test Cases and executed Test Scenarios as well as tracked bugs and generated defect report using **ALM**.
  + Integrated Snag It image capture tool with **QTP** to gather complete images of application for reporting purposes.
  + Maintained sprint backlogs and product backlogs based on the development and testing
  + Developed the test cases using Rational Quality Manager for each sprint
  + Involved in Processing claims and verifying claims whether it's delivered to the system or not.
  + Created Paper Claims in TSA (Test Scenario Application)
  + Created Requirement tractability matrix between requirements and test cases.
  + Testing is done on the daily basis by using agile methodology
  + Developed SQL Queries and Procedures to perform database testing using Oracle SQL Developer.
  + Design of Test Cases, review of Test Cases, Execution of Test Cases and Logging of defects
  + Carried out security tests to check that only valid users could access certain sections of the site.
  + Participated in Walkthroughs and defect report meetings
  + Performed front end as well as back end testing.
  + Responsible for test preparation, execution, estimates in handling multiple scrums and successfully delivered the deliverables with best results.

**Connecticut Health Insurance Exchange, Hartford, CT Jan 2010 to May 2013**

**QA Tester**

The goal of CTHIX is to provide Health plans to the individual & families with choices which are right for them by providing online system that allows their healthcare eligibility and enrolment options with easy comparison of plans.

**Responsibilities:**

* + Analyzed requirement documents, use cases and created test scenarios and test cases for different releases/phases/products of data solution.
  + Performed Functional, System, and Regression testing of a web based application working in an Agile environment and is done as per **HIPAA** (Health Insurance Portability and Accountability Act).
  + Worked on data driven framework for creating automated test scripts using **QTP**.
  + Involved in different types of testing thru the complete life cycle of the application which involves smoke testing, functional testing, GUI testing, integration testing, black box testing, regression testing, and **UAT**.
  + Clear understanding of sprint goals by participating actively in sprint planning and task allocation meetings.
  + Designing test plans and test cases as per the product back log items (user stories) acceptance criteria, executing test cases and reporting defects with appropriate severity, priority levels.
  + Involved in Peer reviewing of test cases.
  + Working closely with development team and business analysts in analyzing and resolving defects.
  + Performed regression testing to verify various sections of the system to ensure that changes or fixes in the system not only work, but also do not adversely affect the remainder of the system.
  + Involved in integration testing for various modules of the application.
  + Participating in scrum meetings with team members to define the goals, to discuss project progress and road blocks every day.
  + Collaborating with Team, Scrum Master and external team members in resolving impediments.
  + Identifying potential risks, dependencies on other projects and informing to business while working on Product back log grooming sessions.
  + Used HP Quality Center to maintain Test cases and report defects.
  + Modified and maintained test cases with changes in application interface and navigation flow.
  + Performed cross platform and cross browser testing for the portal.
  + Created and executed SQL queries to validate the data, and to update the data in the database and verify with front end that application handles the changes correctly.
  + Actively participated to setup the test environment for the application(s) needs to be deployed on test environments.
  + Creating Test Metrics reports based on the test results for the betterment of process.
  + Supporting business users at the time of user acceptance testing and release testing.
  + Working with release and development teams in production deployment process and validation.

**AETNA, Portland, ME Sep 08 – Nov 2009**

**QA Analyst**

Aetna is the 3rd largest leading insurance provider in health care, dental, pharmacy, group life, disability, long-term care insurance and employee benefits. Aetna is engaged to develop Workability (WKAB) an Absence Management System. WKAB is a Web based application that can take all the information to setup a client with different products like STD, LTD and FMLA to generate scripts and tasks for the selected product. It also maintain claims and members, and plan date for STD, LTD and FMLA and other benefits.

**Responsibilities:**

* + Involved in and Manual Testing of the application.
  + Have thoroughly done Peer reviews for Test Cases.
  + Good Experience in writing sql queries.
  + Developed and executed Test Cases for different business scenarios.
  + Good Experience in testing BI tools
  + Have tested on multiple instances at the same time.
  + Strong Experience in ETL testing by verifying whether the data is transforming correctly according to business requirements
  + Discussed and analyzed about business requirements with business analyst to get all business scenarios.
  + Tracked and reported defects using Jira
  + Worked together with Software developers and Business Analysts to resolve / reproduce the defects.
  + Expertise in analyzing and generating the Test Reports.
  + Prepared Quality Metrics Reports & QA Release Notes