**Satya Karthik Vallabhaneni**

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**(916) 496-3312**

**Professional Summary:**

* 6+ years of experience in Quality Assurance, Design, implementation of Client/Server and Web Based applications
* Extensive experience in various Software Development Life Cycle (SDLC) Phases and **Quality Assurance Life Cycle (QALC)** including Requirement Gathering, Business Analysis, System, Object Oriented Design and Testing.
* Extensive knowledge on all phases of **Software Development Life Cycle (SDLC)**.
* Experience in **Agile** and **Waterfall** models of SDLC.
* Extensive experience in Test Life Cycle.
* Worked on Epic Health connect on different versions(WITS2,WITS3,RESC) on Admit, Transfer, Discharge, Update, cancel Admit, Cancel transfer, Cancel Discharge, New order, Cancel Order, Discontinue Order.
* In-depth knowledge of all QA Phases that include Manual, Functional, System, Integration, End-to-End testing.
* Experience in testing **Web-based / E-commerce, Health care Insurance applications on different environments.**
* Proficient in designing, reviewing and documenting system test plans, defining test procedures and creating test cases on the basis of product release features, client’s requirements and related technical documents.
* Expertise in developing **Test Plans**, **Test cases** and designing **Test Strategies**.
* Knowledge in Business Process Testing using **HP Quality Center**.
* Extensive hands on experience in using relational databases like **MS-SQL Server**, **Oracle.**
* Effort Estimation during all cycles of release like **Feature, Unit, System, Integration, Regression** and **Performance** Testing.
* Strong experience working with **HIPAA** ANSI X12 Transactions(**837**/835/834/ 270/271/276/277)
* Excellent Knowledge in Iterative Testing, **Agile** Methodology (**SCRUM**).
* Good knowledge of ICD-9/ICD-10 and **HIPAA 4010/5010** Transaction requirements.
* Ability to work closely with developers and project managers to analyze the new features of the software application.
* Experience in preparing a Quality Assessment Report at the end of the release highlighting the vulnerable areas of the product.
* Expert in usage of **Defect tracking and reporting** using Quality Center, Test Director.
* Self-Motivated team player with good communication, problem solving skills, analytical & Strong Presentation Skills.

**Technical Skills:**

QA Tools Application Life Management (ALM 11) Quality Center 8.2/9.0,,Rational Quality Manager, Rational Team Concert

GUI Tools Outlook, Access, and Developer/2000

Databases **SQL Server 2000**, **Oracle**, MS Access

Languages **SQL**, PL/SQL,

Operating Systems MS-DOS, Windows, UNIX, Linux

Others MS-Word, MS Excel, MS-PowerPoint, MS Access

**Professional Experience:**

**Kaiser Permanente, CA Apr 2014 to Till date**

**Sr. QA Analyst**

Kaiser Permanente’s New Health Plan, This project involves The following HDHP modifications will be tested for the various PIMS modules - Pharmacy Member Identification and Verification, Pharmacy Adjudication and Verification, Accumulation, Pharmacy Pricing, Manual Adjustments, Reporting etc., Kaiser Permanente is in the process of deployment and implementation of Health Connect, a state of art, Patient care EMR system developed by Epic. As an Interface Administrator maintained and supported Transcription, Copath plus interface, backup for Cerner interfaces using epic bridges tools and HL7 protocol in UNIX environment, which consists of many modules like Care everywhere, Resolute, Epic Care, ADT, Inpatient, Cadence, etc.

**Responsibilities:**

* Involved effectively in the **Software development life cycle** (SDLC) from development through testing.
* Involved in creation and execution of test scenarios by reviewing all the business functional specifications, detailed design documents, data model documents, data flow diagrams and architecture documents
* Extensive knowledge on **Quality Center**
* Develop a testing roadmap consideringvendor readiness time and **Epic, Cerner, Meditech, and McKesson** integrated timelines.
* Prepared Test data to enable the software to be quality checked
* Involved in writing test cases and test scripts
* Used Rational Clear Quest to raise the defects to track the issues found in Testing.
* Working with HIPAA 5010 and 4010 transactions.
* Vast knowledge and experience in Health Care industry, experienced in testing different healthcare ERP solutions such as FACETS, MedPlus, EPIC and other claim processing solutions.
* Actively worked on Data analysis and Report analysis with respect to ICD-10 impact
* Generated SQL queries to validate various reports, loads and extract process.
* Performed manual testing and data integrity testing by executing SQL statements.
* Developed and maintained the **Traceability** matrix between requirements and test cases.
* Good experience in preparation of documents such as test plan, test exit summary document, High Level documents
* Identified risks, problems, requirements and concerns of the Hospital in order to comply with ICD-10 changes.
* Testing (that includes unit, integrated, regression, and UAT) a new .NET application which uses Microsoft Visual Studio under the Scrum (Agile) Methodology.
* Identified NPI requirements for HIPAA EDI ASC X12 835 and 837 transaction sets; team member for review of HIPAA EDI ASC X12 276/277 transaction set interface with FACETS.
* Responsible to Site Core configurations for harvesting and publishing the offers and EPIC pricing configurations.
* Performed impact analysis on applications for deadliness of ICD-10 conversion.
* Tested the **EDI 837 interfaces**, Developed test cases and test scripts for all **835, 837 278, 276, 277, Institutional and Professional HIPPA Transactions**
* Tested **Billing in Resolute, Schedules in Cadence, In-Patient, Out-Patient and Home Health Billing**
* Good knowledge about the **HL7 messages for In-Patient and Out-Patient** in IB (Integration Broker) & Bridges
* Rule Engine Testing using ICD-9 and ICD-10 codes.
* System Integration testing for Facets core modules with external systems.
* Worked on projects independently and also managed a Facets testing effort.
* Developed SQL queries in Toad to achieve the data transformations.
* Performed manual testing and data integrity testing by executing SQL statements
* Used SQL for back end testing and ensured the data is updated accordingly.
* Actively lead an on-shore and off-shore team and monitoring and extending support to team members at all times

**Environment: Quality Center 9.0/10.0, Quick Test Professional 9, HL7, SQL, Oracle, SQL Server 2005, MS OFFICE 2007,Windows XP**

**Group Health Co-operative, Seattle, WA Jan 2013 – Mar 2014**

**Quality Analyst**

Group Health Co-operative is a consumer-governed, nonprofit health care system that coordinates care and coverage. Based in Seattle, Wash., Group Health and its subsidiary health carriers, Group Health Options, Inc. and KPS Health Plans, serve more than half a million residents of Washington state and Idaho.

**Responsibilities:**

* Design and developing test plans based on high-level documents.
* Performing requirements gathering and testing of business solutions related to middleware based applications using IBM MQ Series.
* Attending meeting for project teams with business users, programmers and other analysts.
* Experienced in working with internal and external trading partners
* Strong understanding of application testing and HL7 transactions Perform Functional, Integration, Regression and ad-hoc testing.
* Mainframe Based Claims system Testing. Using **Cobol, JCL, DB2.**
* Analyzing client business process functional requirements to develop high level test plans and detailed test scripts for complex projects such as Master Data Management **(MDM) & INITIATE** on several platforms and in various environments.
* Experience with **5010/ ICD 9/ ICD**
* Performed Analysis to check if EDI Type trees for transaction sets 834, 837, 835 are HIPAA Complaint.
* Worked with CD 9 or ICD 10 conversion
* Active involvement in Identifying resource needs to prepare test data and execute test scripts.
* Overseeing test script execution by lower level testers and business users.
* Performed in executing manual and automated test scripts for functional, integration and regression testing and production validation.
* Actively involved in validation in **Dry-run, UAT & PROD.**
* Documented the process flow & Business Use Case for the EDI transaction 835, 837 & tagged them in IBM RequisitePro.
* Analyzing software problems, providing clear and concise defect reports, and measuring risk of defects and reports to the project team.
* Communicating with different development team to assure defect are addressed and validated after the fixes.
* Experienced in business and technical functionality of applications supported by work stream.
* Providing technical guidance/support to key customer groups who are users of the applications.
* Responsible to assist other tester to create user case and other testing document and able to test all the codes.
* Test Web services and **XML with tool ‘SOAP UI’.**
* Validated WSDL mapping and **HL7** segments.
* Created test data (EDI Files) for 837 with ICD 10 codes for business rule validation.
* Performing database and application functional testing.
* Performing integration testing and IBM Mainframe Transaction testing.
* Experienced in working with Initiate Inspector, Enterprise Viewer, and Web Report.
* Experienced working with all subject area/entity such as Consumer/Customer, Provider, Practitioner.
* Performed interface end-to-end testing.
* Experienced in HL7 healthcare transactions such as **(ADD-A28, MERGE- A30, UPDATE- A31, Z segments such as ZUM , ZIC, ZPV, ZIS, etc.).**
* Experienced verifying HL7 messages using tools such as **HL7 Diff, MS SQL-SQL** developer & NeoBrowse
* Interface Regression testing with different team such as Epic, ECIN, Data Warehouse, AnPath(Progeny), HomeCare, HomeInfusion/ASCEND, LIS, Medquist, Mosaiq, **OLT, Optic, PACS, PAML, PICIS, RIS,** WEB team.
* Provided testing status to Project core team.

**Environment: Quality Center 10, QTP 10, Cobol, SOAP UI, XML, HL7, DB2, WSDL, J2ee Windows XP, IE, Firefox, Mozilla, OLT, IBM MQ Series**

**Rex Healthcare Hospital, Raleigh, NC Aug 2010 to Nov 2012  
QA Analyst**

The Rex Healthcare Hospital has to comply with CMS mandated **ICD-10** requirements within very tight deadlines. The scope of the project is to collect the detailed information from various areas of the hospital and gather the requirement regarding all the applications, which are currently in use in hospital. The purpose of the project is to define the roadmap for implementation and analyze the collected data in order to fulfill the change from ICD-9 to ICD-10.

**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 Quality Center 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
* Performed manual and automation testing.
* Verified and Validated the Automated Test scripts.
* Proficient in using ICD 9/CPT codes.
* Actively worked on Data analysis and Report analysis with respect to ICD-10 impact
* Exported Test Requirements and Test Cases from Excel and Word to **Quality Center.**
* Created test scenarios for System testing and Regression testing.
* System Integration testing for Facets core modules with external systems.
* Good experience in testing application during code changes, code updates,
* By using Execution Grid, run all manual and automated test cases in **Quality Center.**
* Conducted End to End and Black box testing.
* Experience with documenting Claims processing lifecycle and got good exposure of X12 834 transactions for HIPAA 4010.
* Perform a baseline assessment of Hospital-Provider systems and related interfaces, the existing service level agreements and/or policies and operational business procedures for readiness to comply with HIPAA as well as ICD-10 requirements
* 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.
* Tested Subscribers/Providers and claims in Facets.
* Tested the **EDI 834 interfaces**, Developed test cases and test scripts for all 834, **835, 837 278, 276, 277, Institutional and Professional HIPPA Transactions**
* Involved in executing SQL queries for back-end testing.
* Tested the Members, Claims, Providers and Services in Facets.
* Involved in logging and tracking defects in Dev Track (defect management tool) with proper severity and priority.
* Involved in re- engineering of the EDI Gateway to assist in the development of HIPAA repository to process 5010 claims.
* Used **SQL Queries** to verify the data from the **Oracle database**
* Worked on tracing the requirements with test cases using HP Quality Center.
* 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.
* Involved in providing education about the ICD-10 codes and 5010 standards, its requirements, complexity and accuracy to Physicians and Nurses of the hospital. Figured out the requirement of training in various departments of the hospital based on their daily work.
* 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.

**Environment: Quality Center 9.0, Windows 2000, , My SQL, Series, XML.**

**Publix Supermarkets, Inc. Lakeland, FL Jan 2008 to July 2010**

**QA Analyst**

Enterprise Rx, an application developed for the Publix Pharmacies. It is a client/server application developed in Java. Enterprise Rx consists of different tracks that are Supply Chain Track (Receiving, Purchasing, Inventory Adjustments, Supplier Setup, Pricing), Workflow Track (Reception, Data Entry Detail, Product Dispensing, Verification, Release to Patient), Conversions Track (Monitoring Agent, Two Point Server, extracting the records, applying the translation rules to map the records from the PDX System to the Enterprise Rx.) and Interfaces Track (Controlled Substance Reporting).

**Responsibilities:**

* Analyzed the business requirement documents, reviewed functional design documents, developed test strategies and test plans.
* Attended the meeting with business analysts and track leads in understanding the system.
* Developed test cases, mapped test cases to the requirements, executed test cases and logging the defects in Quality Center.
* Involved in manual and automated testing of the application.
* Involved in developing QA automation methodology by specifying the approach to follow for the automation, identifying the components, cores and drivers to automate.
* Developed the test scripts using descriptive programming.
* Testing functionality of browser as well such as Internet Explorer with Netscape 6.2.
* Involved in developing global function libraries.
* Involved in setting up the test data in Excel.
* Performed database testing by developing **SQL queries** for various tracks.
* Communicated the defects with the business analysts and developers through **MS-Outlook**
* Developed Requirements Traceability Matrix **(RTM)** to track requirements during the QA Testing Phase using Quality Center.
* Testing experience in multiple cross platform environments such as Windows OS, Windows Servers.
* Configure test environment for specific test cases, create test data, and execute manual tests, document results, and update defect tracking systems.
* Regression testing for interim modifications and production bug fixes.
* Called External functions in VB Script.
* Involved in User Acceptance Testing.

**Environment: Quick Test Pro, Quality Center, HTML, SQL Server, Microsoft Project, MS Office.**