**SUMIT JOSHI**

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**SUMMERY:**

* 7+ Years Professional experience as a Sr. QA Analyst/Tester in Healthcare Industry.
* Comprehensive knowledge of SDLC Methodologies, RUP, Waterfall model, RAD and JAD methodologies.
* Experience in managing the changes in requirements by Unified Change Management Tools (UCM) like Rational Clear Quest.
* Good documentation knowledge in maintaining the BRD and FRD using the requirement documentation management tool like Requisite Pro.
* Familiar with HIPAA EDI transactions such as 835, 837 (P, D, I) 276, 277, 278 etc
* Good Knowledge of HIPAACompliance Lifecycle, HIPAA Insurance Regulations and Claims Processing.
* Experience in development methodologies like RUP, SDLC, AGILE, SCRUM and Waterfall
* Proficient in writing SQL scripts for Corporate Data Warehouse’s larger amounts of data
* Extensively uploaded test cases from MS Excel, MS Word to Test Director & Quality Center.
* Experience creating mapping for X-12 transactions .In-depth knowledge of HIPAA transactions.
* Experience with designing and verifying databases on Oracle and SQL Server RDBMS using Entity-Relationship Diagrams (ERD).
* Highly experienced in Installation, configuration, verification and administration of Websphere MQ.
* Excellent knowledge of HIPAA standards, EDI (Electronic data interchange) Transaction syntax like ANSI X12, Implementation and Knowledge of HIPAA code sets, ICD-9, ICD 10 coding.
* Expertise in web services testing using SOAP UI/ Load Runner for testing the web services on WebLogic server
* Ability to manipulate and organize the requirements and defects by Traceability Matrix.
* Experience in using defect tracking tools Quality Center, Test Director and JIRA for Tracking the Defects and Reporting the Defects.
* Working knowledge of implementing software development projects using methodologies such as Waterfall, Rational Unified Process, Agile/Scrum.
* Extensive knowledge and hands-on experience in SDLC methodologies (Waterfall model and V-model), Software Testing Life Cycle, Defect Life Cycle and various types of testing like black box testing, regression testing, smoke and sanity testing, and functionality testing(positive & negative).
* Extensive hands on experience in creating resources, modifying WebSphere configuration properties, view runtime attributes.
* Good working knowledge of Claims processing, HIPAA Regulations and 270, 834, 837I, 837D EDI Transactions for health care industries
* Sound understanding of Relational and Normalized databases such as Oracle SQL Server and MS Access
* Working knowledge of HIPAA X12 standards for electronic data interchange..
* Involved in meeting with Clinical Users and Clearing Houses to determine the format of the ICD 10CPT codes.
* Expertise in using the testing tools such as Mercury Quality Center (QC)/Test Director and Quick Test Pro (QTP).
* Experience in Scrum Process and thorough understanding of Extreme Programming (XP), Agile Software Development Methodology and Object Oriented Analysis (OOA).
* Extensive experience in Strategic development of a Data Warehouse and in Performing Data Analysis and Data Mapping from a Operational Data Store to a Enterprise Data Warehouse
* Strong knowledge and experience in writing and executing SQL queries for database testing.
* Extremely proficient in using Agile and XP methodologies performed roles of Scrum Master following sprint sessions and used Rally software extensively to write User Stories, assign tasks to individual team members.
* Experience in developing QA test cases, test scenario and leading towards UAT and Beta Testing for ensuring the application’s successfulness.

**Technical Skills:**

OOAD (OOA/OOD), RUP, UML, SDLC, Waterfall, QA, Scrum, Jira, WAP, MS Access, SQL Server, MySQL, PL/SQL, Oracle 11i, Windows 98/2000/XP, basic UNIX, HTML, basic DHTML, basic XML, MS Office Suite-Excel Macros, Access, Pivot tables, Project, Visio, Adobe Photoshop, Flash, Rational- Rational Rose, Rational XDE, DOORS, TOAD, RequisitePro, CaliberRM, Crystal Reports, Saratoga iAvenue, various NIKU products,Clear Case, Clear Quest, DB2, C, C++, BASIC, Visual Basic , ASP .NET

**Work Experience**

**Emblem Health, Manhattan, NY Sep 2012-Present**

**QA Analyst/Tester**

Emblem Health is New York based health insurance and maintenance organization. Provide payment and Primary Care Case Management administration duties to the State of New York. It was formed in 2006 by the merger of Group Health Incorporated (GHI) and HIP Health Plan of New York to become a profitable company. I'm engaged in providing support EDI UAT testing team conducting different test and Comprehensive understanding of Quality Center Defect Module, which supports the entire defect lifecycle—from initial problem detection through fixing the defect and verifying the fix. .

**Responsibilities:**

* Designed and development of test cases based on functional requirements for Institutional and Professional claims for EDI and HIPAA Transactions 837/835, 834, 276/277, 270/271 testing.
* Involved in testing the SOAP messages across the web site and made sure results returned in XML format
* Lead multiple project teams of technical professionals through all phases of the SDLC using technologies including Oracle, Erwin, Data Stage, Data Warehousing, Websphere and Cognos.
* Extensive experience in using collaborative tools like Mercury Quality Center to facilitate development across disparate teams
* Implementation of SQL Logins, Roles and Authentication Modes as a part of Security Policies for various categories of users.
* Involved in creating sample mappings for the conversion of EDI X12 transactions code sets version 4010 to 5010 and translation of ICD 9 codes into ICD 10 codes.
* Used JavaScript for client validations
* The Jasper API was used to generate reports in Excel and PDF formats.
* Utilized corporation developed Agile SDLC methodology. Used ScrumWork Pro and Microsoft Office software to perform required job functions.
* Was responsible for indexing of the tables in that data warehouse.
* Contributed in creating a shared knowledge base called Confluence. Added documents created by myself along with current status.
* Developed plan for data feeds and data mappings for integration between various systems, including XML, to follow ICD 10 Code set and ANSI X12 5010 formats.
* Managed requirements and tasks using JIRA
* Developed HIPAA EDI Transmissions. Work includes complete business cycle management and hands-on production as well. Create EDI Testing process, documentation, and performance matrices.
* ETL process design, implementation and performance tuning (SQL, Teradata macros and stored procedures).
* Used Quality Center/Test Director for requirement management, test planning, scheduling, executing test cases, managing and tracking defects.
* Used Agile Software Development process viz. Scrum, as this was a time bound project
* Configured the Data mapping between Oracle and SQL Server 2005.
* Performed SOA Web Service API Testing, generating XML payloads and other scripting languages.
* Tested HIPAA Gateway Application Interface for all inbound and outbound messages (Healthcare Eligibility 270 and 271, Healthcare Claim Status request 276 and 277, Healthcare Claim 837 and 835)
* Utilized corporation developed Agile SDLC methodology. Used ScrumWork Pro and Microsoft Office software to perform required job functions.
* Experienced working with x12 version 5010 transactions and ICD 10-CM and ICD 10-PCS Code set changes analysis, design and migration strategy.
* Analyzed CMS comparison documentation highlighting changes of 5010 format and ICD10 diagnosis and procedure codes.

**Environment**: Load Runner, ASP.NET, Java, Oracle, JIRA, XMLSPY, TOAD, API, DB2, Scrum, Windows NT /2000, SQL Server 2005, Microsoft Word, Project, Excel, PowerPoint, Ms-Visio, GIS Tools, Cognos, BI, Sybase, MS Project

**CIGNA Health-Care Insurance, PA   Apr 2011-Aug 2012**

**Sr. QA Analyst/Tester**

Cigna Healthcare is a company providing customers with benefits, expertise and service that improves the health, well-being and productivity. I performed pivotal role in multiple projects & handling three releases at the same time. Release 1 & 2 was web-based service application developed for streamlining office workflow processes involved in Electronic Data Interchange (EDI) transactions and benefits in claims management cycle based on HIPAA Guidelines. Release three was based on reporting the policy premium. There were seven reports, which were generated in Brio portal.

**Responsibilities**:

* Validated the following: 837 (Health Care Claims or Encounters), 835 (Health Care Claims payment/ Remittance), 270/271 (Eligibility request/Response), 834 (Enrollment/Dis-enrollment to a health plan)
* Designed and developed all use cases and UML models using Microsoft Visio;
* Implemented the entire Rational Unified Process (RUP) methodology of application development with its various workflows, artefacts and activities;
* Created Test Plans from Business Requirements and Design Documents and maintained test plans in Quality Center.
* Interacted with the users and logged any defects, enhancements from the UAT.
* Used gap analysis framework to identify AS-IS processes of claims transactions of HIPAA X12 4010/4010A standard and TO-BE processes (ICD-10-CM and ICD-10-PCS compliance requirements) of 5010 standard
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence Architecture team to understand repository objects that support the business requirement and process.
* Responsible for creating test scenarios, scripting test cases using testing tool and defect management for Policy Management Systems, Payables/Receivables and Claims processing.
* Technical Specification Creation for EDI. Schedule meetings with technical personnel to determine technical parameters for EDI and other related processes, including communication, security, and privacy.
* Daily conducted Scrum to take updates from team members and attended Scrum of Scrums to give User Story status updates as well prepared burn down charts to know the daily progress of work.
* Establish documentation for Agile methodology for implementation with a very water-fall-centric development team.
* Developed plan for data feeds and data mappings for integration between various systems, including XML, to follow ICD 10 Code set and ANSI X12 5010 formats.
* Developed messaging services using JMS using soap and integrated with MQ to DB.
* Facilitated the User Acceptance Testing (UAT) with Pega System Administrators and Business Users, documented any issues or defects and eventually got sign off from the right parties.
* Assisted JAD sessions to identify the business flows and determine whether any current or proposed systems are impacted by the EDI X12 Transaction, Code set and Identifier aspects of HIPAA.
* Utilized Agile/ SCRUM and PMI methodologies to monitor, steer and develop project objectives.
* Designed and implemented SQL queries for QA testing;
* Assisted the PM in setting realistic project expectations and in evaluating the impact of changes on the project, and conducted project related presentations;
* Prepared user manual and performed user acceptance testing;
* Played a key role in the planning and testing the system enhancements and conversions.

**Environment:** Load Runner, Toad, Windows NT /2000, JIRA, SQL Oracle , DB2, API, Java, Scrum, Server 2005, Sybase, MS Word, MS Excel, MS PowerPoint, Ms-Visio, XML, XML Spy, Cognos BI, MS Project, Primavera, PowerBuilder, Clear-Quest, Rational Test Manager, GIS Tools

**Kaiser Permanente, Denver, CO Nov 2009-Mar 2011**

**Quality Analyst**

Kaiser's EDW Extracts is a highly challenging techno-functional project, which requires multiple technologies to be combined and implemented to take care of various health care business flows.

Being a Tester on a HealthCare/EDI/Claims Adjudication Project involved working on 4010/5010 HIPPA transactions and creating Business Rules for the new claims engine. The project’s goal was to migrate the preexisting system from a legacy based environment to a SOA environment. It also involved use of SQL queries to retrieve the data from the database for generating the test data for various applications. I gathered and wrote functional requirements for membership applications and claims processing applications. Along with successful tracking implementation, Planning, Scheduling, and completion project.

**Responsibilities**:

* Worked for Version document with SME. Primary Liaison between Business User and Development Team.
* Conducted GUI and functionality testing using QTP.
* Conducted data driven testing using QTP to conduct backend testing.
* Created Test Strategy & Test Plans from Business Requirements and Design Documents and maintained test plans in Quality Center.
* Tested the SOA/SOAP requests and SOA/SOAP responses using Parasoft SOA Test
* Established questionnaires and resource leveling required for implementing HIPAA 5010 and upgrading ICD-9 diagnosis codes to ICD-10 codes.
* Assisted Project Manager in development and documentation of Project Plan
* Closely worked with SMEs and Identified, researched, analyzed, and defined key issues of the Business flow.
* Defined Written smoke test cases in Quality Center and modified them when they are automated.
* Responsible for attaining HIPAA EDI validation from Medicare, Medicaid and other payers of government carriers.
* Involved in gap analysis and implementation of HIPAA 5010, ICD10 and Claim Validations
* Designed and developed Use Cases using UML and Business Process Modeling.
* Met with the Provider Communities and Trading Partners to ensure that HIPAA transactions pass the EDI gateway and interpret technical difficulties into simple language
* Incorporated HIPAA standards, EDI (Electronic data interchange), transaction syntax like ANSI X12, Implementation and Knowledge of HIPAA code sets, ICD-9 ICD-10 coding and HL7.
* Facilitated four-hour long round table discussion with most HR directors, managers and analysts along with QA manager to get their input [ad-hoc UAT] in the project
* Developed QA Test Plan, test conditions and test cases, as well as assisted with QA team in System Testing using Mercury Test Director
* Reviewed the data model and reporting requirements for Cognos Reports with the Data warehouse/ETL and Reporting team.
* Involved in creating reports for the end users using Crystal reports from the gathered requirements.
* Developed User Manual and Provided User Training.
* Conducted User Acceptance Testing

**Environment**: RUP, UAT, UNIX, Java, SharePoint, JIRA, Sybase, DB2, Microsoft Word, Scrum, API, Project, Excel, Oracle, PowerPoint, GAD (Gap Analysis Document), HTML, XML, PowerBuilder, ASP. File Net, SQL, GIS Tools, MS Visio

### Texas Medicaid Healthcare Partnership, Austin, TX  Feb 2008-Oct 2009

**Quality Analyst/Tester**

Member of team that supports the financial portion of the claim payment System for the state of Texas Medicaid program. Facilitate meetings with state of Texas Medicaid representatives to determine requirements for changes to the financial portion of the claim system that pays over $100 million dollars a week in Medicaid claims. Its underwriting companies - The MEGA Life and Health Insurance Company, Mid-West National Life Insurance Company of Tennessee and The Chesapeake Life Insurance Company, They provide affordable coverage to its customers in 44 states through licensed, dedicated agents and other agent networks.

**Responsibilities:**

* Created detailed Test plan, Test Scenarios and Test cases according to the business requirements.
* Manually executed the test cases for testing the front end GUI.
* Responsible for the complete Manual for Functional and Performance Testing.
* Written and executed test cases using Quality Center.
* Has done functional testing of the front-end application using Quick Test Professional (QTP).
* Performed Data driven testing with different sets of data using Win Runner.
* Wrote test scripts for User Acceptance Testing (UAT).
* Participated in UAT and worked with Mercury Quality Center for bug and defect tracking.
* Supported SOA, data warehousing, data mining, and Enterprise Service model standards in designs, and developed standardization of processes like configuration management.
* Involved actively in determining the quality and quantity of data to be provided for UAT.
* Responsible for attaining HIPAA EDI validation from Medicare, Medicaid and other payers of government carriers.
* Used Agile methodology of development to improve customer satisfaction by rapid & continuous delivery of S/W
* Involved in Class Mapping of Custom Objects using Win Runner.
* Created Vuser scripts in Load Runner and executed the scripts using Controller for the specified number of users.
* Interacted with the users and logged any defects, enhancements from the UAT and communicated them to the development team
* Created parameters and Correlations in Load Runner.
* Has done Load, Stress, Volume, Soak types of performance testing using Load runner.
* Maintained Requirement Traceability matrix for use cases.
* Responsible for the complete Manual for Functional and Performance Testing.
* Manually Performed Back end testing extensively using SQL queries.
* Performed Functional, Performance, Regression and Integration tests during different developmental phases.
* Created user defined functions to enhance the maintainability of test scripts and handled exceptions.
* Extensive success in translating business requirements and user expectations into detailed specifications employing Unified Modeling Language (UML) in an SOA environment.

**Environment**: QTP, Load Runner, Test Director, QTP, Oracle 9i, JIRA, DB2, API, SQL Navigator, Scrum, Mercury, UNIX, Visual studio/test edition, Visual Basic 5.0, PL/SQL, .NET,

**Unicare, Inc., Chicago IL Jan 2007-Dec 2007**

**QA Analyst**

Unicare Health Insurance Company is one of the health insurers in the United States. Worked on Claims management system - HIPPA compliant all payor claims management system with a very intuitive GUI. It supports the receipt of claims status from payers in text reports, U277 (Unsolicited 277) and S277 formats.

**Responsibilities:**

* Reviewed requirements together with QA Manager ,Vice President of Human Resources & Business Analyst
* Involved in HIPAA/EDI Medical Claims Analysis, Design, Implementation and Documentation.
* Facilitated four-hour long round table discussion with most HR directors, managers and analysts along with QA manager to get their input [ad-hoc UAT] in the project
* Reviewed Technical Specs together with the team of two developers
* Produced Gap Analysis documents for HIPAA 5010 and ICD-10.
* Wrote Test Plans in MS Word for Manual Testing, System Testing, Integration Testing, Performance Testing, Regression Testing & reviewed their consistency with the business requirements.
* Involved in Data mapping specifications to create and execute detailed system test plans. The data mapping specifies what data will be extracted from an internal data warehouse, transformed and sent to an external entity.
* UAT testing performed along with call center managers to make sure that application meets their requirements.
* Involved in the full HIPAA compliance lifecycle from GAP analysis, mapping, implementation, and testing for processing of Medicaid Claims.
* Performed White Box, Black Box, and Usability Testing
* Developed HIPAA EDI Transmissions. Work includes complete business cycle management and hands-on production as well. Create EDI Testing process, documentation, and performance matrices.
* Experience in Forward Mapping and Backward Mapping analysis of ICD 9 – ICD 10 Conversion for CM (Diagnosis Codes) and PCS (Procedure Codes).
* Wrote Test Cases in MS Excel for user registration, access to training material, and activity log-in, reviewed the test cases and finalized
* Validated the reports and files according to HIPAA X12 enforced standards.
* Made sure that the systems complied with the rules of HIPAA and CFR Part 11.
* Reviewed colleagues’ test cases for testing the development of online resume, uploading users’ documents [such as application and resume], browsing through jobs, selecting and applying for the jobs
* Documented the outcomes of all the testing in MS Word and MS PowerPoint

**Environment** Mercury Tools (Win Runner 7.0, Test Director 7.0/7.5, DB2, Load Runner 6.5/7.0, Quick Test Pro 6.5, Quality Center 9.0), NT/00, SQL, Oracle, SQL Server, XML

**Education**: Bachelor in Computer Science