**Shrijana Aryal**

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**Sr. *Sr. QA Analyst***

***PROFESSIONAL SUMMARY***

* Over 7+ years’ experience in Information Technology with emphasis on Software Quality Assurance mainly in Healthcare Domain.
* Excellent in analyzing Business Requirements Specification, developing Test Plans and Test Cases.
* Hands on experience with all phases of Software Development Life Cycle (SDLC).
* Worked on different Methodologies such as Agile, Waterfall, and RUP.
* Well versed with all the Testing concepts and methodologies.
* Working Knowledge of ICD-9, ICD-10 and CPT diagnostic codes.
* ICD 9-ICD 10Conversion knowledge -Worked in the analysis of the ICD 9 - 10 codes.
* Worked on upgrading from ICD-9 to ICD-10 Diagnosis/Procedure Code sets.
* Experience with creating and implementing Requirements Traceability Matrix (RTM).
* Experience in HIPAA EDI transactions 837 (Institutional/Professional), 835(Payment Remittance Advice) 270 (Eligibility Request) / 271 (Eligibility Response), 276 (Claims Status Inquiry Request) / 277 (Claims Status Inquiry Response), 834(Benefit Enrollment and Maintenance Transaction), 278 (Prior Authorization), 997 (Transaction Acknowledgement).
* Working knowledge of ANSI X12 EDI transactions.
* Developed SQL queries using joins and sub queries to test data tables against the source and target and to validate data and verify.
* Business knowledge of Group, member, provider, enrollment, HL7, Medicaid/Medicare member eligibility, Benefit Plan enrollment, and MMIS.
* Participated in design reviews with the Development team.
* Self-starter and ability to adapt and learn new things quickly.
* Excellent Communication and Documentation Skills.
* Good Process Management and organizing skills with remarkable ability in gathering requirements to bring out quality products

***TECHNICAL SKILLS:***

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| **Testing Tools** | Quality Center, SOAP UI |
| **EDI Transactions**  **Claim Processing System** | 834, 835, 837, 270, 271, 276, 277,278, and 997  Facets |
| **Testing/ Reporting Tools** | Quality Center 10.0, Rational Clear Quest. |
| **Web Technologies** | ASP.NET, ADO.NET, ASP, HTML, MS FrontPage. |
| **Front End Tools** | Visual Studio.Net, Top Style Editor, Rational Rose, MS Project. |
| **Databases** | SQL Server, MS Access, Sybase, DB2 |
| **Operating Systems** | Windows XP/2000/NT/98, UNIX, DOS, OSX LION |

***PROFESSIONAL EXPERIENCE***

***Catholic Health Initiatives (CHI), Denver, CO April 12- Dec2014***

***Role: Sr. QA Analyst***

***Description:***

A national non-profit health organization. The faith-based system operates in 17 states and includes 78 hospitals.Performed ICD-10 Project tasks, working on Multiple OneCare applications like Cerner millennium, McKesson, Epic. Processes will be able to handle the modifications to the Medical Data Code Set Standards for ICD-10-CM (Clinical Modification) and ICD-10-PCS (Procedure Coding System) by the assigned federally regulated compliance date

***Responsibilities:***

* Involved in Functional, System and Regression Testing.
* Involved in various phases of Software Development Life Cycle.
* Involved in preparation of Test cases and execution of Test cases.
* Developed SQL queries to interact with the lifecycle database and provide monthly capacity reports reflecting on the utilization of EDI infrastructure.
* Develop a testing roadmap considering vendor readiness time and Epic, Cerner, Meditech, and McKesson integrated timelines.
* Reviewed Business & Functional Requirement Documents and the Technical Specification.
* Documented Test Cases corresponding to business rules and other operating condition.
* Analyzed User requirements attended Change Request meetings to document changes and implemented procedures to test changes.
* Prepared Requirements Traceability Matrix and Test Summary Reports
* Extensively used SQL to perform Data integrity testing
* Maintained Test Documentation and updating EDI Documents.
* Use Quality Center for the reporting and tracking of defects.
* Performed Analysis of ICD 9 Procedure and Diagnosis Codes in accordance with ICD 10 CM and ICD 10 PCS Conversion Compliances.
* Prepared Test cases with positive and negative scenarios for ICD 9 – ICD 10 code conversion.
* Created test data (EDI Files) for 837 with ICD 10 codes for business rule validation.
* Performed End to End Testing for ICD 9 – ICD 10 code changes.
* Tested ICD 10 code for impacted systems under Claims processing

***Environment:*** Windows, UNIX, Manual Testing, HP Quality Center, Windows XP, Facets Microsoft Office Suites, Microsoft Access, Beyond Compare.

***Catholic Healthcare West, Phoenix, AZ July 2009- April 2012***

***Role: QA Analyst***

***Description:***

Worked as a Quality Assurance Analyst for HIPAA 5010/ICD 10 Projects targeted for various software suites for various hospitals and one insurance company under Catholic Healthcare West network, which are federally mandated by HIPAA.

***Responsibilities***

* Prepared test plan and test cases for EDI 837, 835, 820, 834 in phase 1 (version 4010/4010A), phase 2 (version 5010) using Quality Center.
* Individually designed, developed test cases and test data for flow of 837 transactions through EDI database.
* Involved in developing Test Plan Document to cover all functionality testing.
* Developed and executed SQL queries to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Participating in QA team meeting and bug tracking meetings.
* Responsible for validating and testing clear ICD-9 to ICD-10 conversion.
* Used Quality Center to enter and report defects for rate quote remediation.
* Daily status meeting with team and meeting with developers and management regarding defects.
* Responsible to check whether the interface and the extensions properly integrate with the facets application.
* Tested the adjudication of claims and migration process.
* Developed test cases and test documents used for configuring software to meet needs of ICD-10 readiness.
* Assisted team leads in developing test plans in compliance of QACC Master Test Plan, Test Planning Documents and Control Management documents for various patient registration, patient accounting and patient financial software applications as well as HIPAA for federally mandated HIPAA 5010 / ICD 10 compliance.
* Involved in customizing Transaction 837, 834, 276/277 in the following loops and segments in Map/Data Translation.
* Pulled out EDI Claim data from Backend SQL server 2005 using the SQL Queries according to the requirements.
* Performed manual testing of the application to test the system for both the functional and business requirements for positive and negative scenarios using Quality Center.
* Extensively used Mercury Quality Center to monitor and progress of assignment of testing activities.
* Logged the defects in Quality center maintaining right priority and managed the defects through it.

***Environment:*** ***:*** HP Quality Center 10.0, Oracle 10g, MS SQL Server 2005, IAS Web server, MS Office 2007, UNIX, Windows XP.

***CAREFIRST, Owings Mills, MD Oct 2008 - July 2009***

***Role: QA Analyst***

***Description:***

The scope of the project was to implement **Facets,** a claims processing and management application to manage health insurance claims electronically. This software is a web-based electronic claims processing solution providing real-time patient insurance information. The application connects the organization to the largest all-payer network of commercial and government health plans nationwide to provide a wealth of real-time patient benefit information. Data is automatically translated to meet HIPAA compliance standards and the privacy of transactions is protected with the highest level of internet-based security.

***Responsibilities***

* Actively participated in all phases of testing lifecycle (Design, Planning, Development and Results).
* Coordinate with Development and Business team to develop high level Business and Technical documents.
* Design Test Plan and test strategies based on high level business and technical documents.
* Implemented Standardized and Unified process throughout the software Development Life Cycle (SDLC).
* Wrote SQL Queries using Joins and Sub-Queries to test the reports generated by the different modules.
* Tested various paths that need to be taken into consideration for new business rules implementations.
* Wrote SQL Queries to check data integrity and consistency.
* Created and implemented test cases for EDI files generated for various transactions as 834 /837/835/999
* Tested for mappings in EDI files through Transaction mapping documents.
* Involved with other team members to set up testing tools, implementation and testing environments.
* Documented Unit, Integration and System Test cases using HP Quality Center from Functional, Technical and other high level design documents.
* Manually Conducted Positive and Negative testing.
* Performed Sanity and Smoke Testing of the application manually after each build.
* Performed back-end testing and verified the data between GUI and database are reflected correctly.
* Involved in creation and maintenance of Test Matrix and Traceability Matrix.
* Use Quality Center for the reporting and tracking of defects.

***Environment:*** ***:* Facets,** HP Quality center, HP Quick test Professional, .Net, C#, MS SharePoint, DB2, MS SQL Server 2007, and Windows XP.

***Sandata Technologies, Port Washington, NY Nov 07– Sep 08***

***Role: QA Analyst***

***Description:***

The overall goal of this project was to include Urgent Care and Convenience Care access to Tennessee Medicare application. I mainly worked on the validation of various **EDI transactions** related to Member Eligibility/Benefit Enquiry and Claim Status Request/Response. Also worked on the Adjudication process validation changes for new plans and HMO benefit setup to have a waiver of the referral for the Urgent care and Retail clinic services.

***Responsibilities:***

* Gathered Requirements, Developed Process Model and detailed Business Policies.
* Facilitated Joint Application Developments (JAD) Sessions with Stakeholders and Business Users to understand the Project Scope.
* Created Test Plan, Test Scenarios, Test Strategy documents based on BRDs, TRDs and Use cases that were developed by Business Analysts.
* Extensively worked in preparing the EDI transmission files, dropping them in Inbound, Outbound Interfaces and validate the data according to our test scenarios.
* Authored test case scenarios in Excel spread sheet and export them into HP Quality Center.
* Documented the test results and reported the status of assigned test tasks and issues to project QA Lead.
* Wrote UAT Test Plan, Testing strategy, timeline document and reporting templates.

***Environment:***, Quality Center , MS SQL Server 2005/2000, VB Script, SQL, UNIX, XML, HTML