**Tilok Sharma  
sharmatc745@gmail.com**

**929-352-0620**

**Summary**

* Over 7 years of experience in the field of Information Technology with solid experience in Data Analysis, Business Analysis, Design and Development. Involved in providing production support to various Data Warehousing, Data Integration, in ETL source to target mapping.
* Using Facets for various health insurance areas such as enrollment, member, Products and other FACETS related modules
* Experience working on 4010 and 5010 HIPAA implementation guides relate to Claim Testing and Medical Billing.
* Strong understanding of various SDLC methodologies such as RUP, Waterfall and Agile with hands on experience in all of them
* Knowledge of the EDI transaction sets such as 837, 834, 835, 270, 271, 276, 277, 999
* Understanding of HIPAA Standards and Compliance issues, HIPAA Privacy policy, opt in/opt out policy.
* Developed Test Cases, Test Scripts and SQL to perform Unit Testing, System Testing and Load Testing. Worked with Operations and Platform teams to migrate ETL Code and DB objects from Development to Testing, UAT and Production.
* Experience in working with various data sources like Sequential file, Oracle, SQL Server, Teradata and Flat Files in Datastage designer.
* Extensive experience with Data Warehousing, Extraction, Transformation and Loading (ETL) and Business Intelligence (BI) tools.
* Hands on experience in all major facets of Project management – project planning, execution, milestone monitoring, resource utilization and driving a team with multi vendors and customer.
* Executed SQL queries and documented them as part of validating the Business Object reports and for testing purposes
* Experience in creating SQL queries to facilitate UAT and perform data validation.
* Experience in methodologies like Agile, Waterfall Model and Data Modeling; Creating Process mapping, Use Cases, Sequence diagrams, Activity diagrams
* Excellent experience in troubleshooting test scripts, SQL queries, ETL jobs, data warehouse/data mart/data store models.
* Solid understanding of Membership, Claims Processing, Billing, Benefit/Eligibility, Authorization/Referrals, COB, and have experience in HIPAA standards and corresponding EDI transactions.
* Detail oriented and strong project management skills coupled with excellent knowledge of SDLC, Agile Processes and SCRUM.
* Facets support systems were used to enable inbound/outbound HIPAA EDI transaction in support of HIPAA 834, 835, 837 270/271 transactions.
* Proficient in conducting System Testing, Functionality Testing, Regression Testing, User Acceptance Testing (UAT) and training of users
* Involved in maintaining Test Matrix and Traceability Matrix and performing GAP analysis
* Experience in Data Mining, Data mapping and Data modeling and good understanding of the ETL tools like AB Initio, SSIS and Informatica Power Center.

**Technical Skills:**

**Database Tools** SQL Plus, SQL Loader, SQL Developer, TOAD, Serena, Teradata,

**Testing Tools:** ETL, Data Stage/Quality Stage, SAS Data Flux Informatics Data Quality,

**Programming Languages** SQL, PL/SQL, UNIX Business Intelligence shell Scripting, VBScript, PERL, AWK, SED

**Reporting Tools:** SQL Server Crystal Reports, Report Builder Reporting Services (SSRS) 2000/2005/2008/2008R2,

**Databases:** Oracle 11g/10g/9.x, DB2 UDB 8.x/7.x

**Operating Systems:** Windows /XPDOS, UNIX, Linux

**RDBMS:** SQL, Oracle, and MS Access

**Scrum Master** Agile Project Manager, UML, Visio, RUP, Waterfall

**Utilities/Application:** MS Project, MS Visual, MS Office 03/07 (MS- Access, MS-Outlook), MS-PowerPoint Word MS-Excel, MS-

**Professional Experience**

**Coventry Healthcare, Downers Grove, IL Jun-2015- Dec 2017**

**Sr. DW BA/ Sr. Data Analyst**

This project focused on implementing Facets Enterprise administrative system, a new core system with updated technology to allow for more efficient claims processing, membership enrollment, provider data maintenance & getting access to customer records. As a, Data Analyst, I was involved in analysis of Business Rules for data migration, configuration and data conversion of the Facets application modules like Enrollment, Membership and Claims.

**Roles & Responsibilities:**

* Wrote advanced SQL queries to extract, manipulate, and/or calculate information to fulfill data and reporting requirements including identifying the tables and columns from which data is extracted.
* Conducted research, analysis and impact assessment of claims and system processing issues for client and partner organizations.
* Responsible for Data modeling and Mapping through data analysis to extract data elements from various OLTP’s using ETL technique (Informatica Power Center 8.1) and utilized Business Intelligence Tool (Tableau) for report generation.
* Gathered requirements from business owners for multiple projects which are intensive and rigorous in nature.
* Conducted JAD sessions to gather requirements and then documented the requirements
* Analyzed and documented the changes in the compliance rules for adverse action redesign.
* Used Data warehousing for Data Profiling to examine the data available (Data Analysis) in an existing database.
* Extensive experience in ETL processes in extracting data from Operational and Legacy Systems to Data Warehouse using Informatics.
* Responsible for providing business requirements within an AGILE software development SCRUM environment.
* Ensure day-to-day EDI transmission, Reject tracking and Reconciliation.
* Run EDI Reconciliation reports daily and document in MS Excel.
* Utilized SQL server’s reporting services SSRS and SSIS to support reporting requirements.
* Maintained and monitored project progress and status through MS Project.
* Data visualization using Cognos and Tableau.
* Created User Stories for Agile Methodology.
* Used SQL tools like TOAD to run SQL queries to view and validate the data loaded into the warehouse.
* Designed, Developed and Implemented reports in Qlikview BI Dashboard tool – one of the most advanced tools for BI and reports.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence
* Used the guidelines and artifacts of the Agile Process to strategize the Implementation in different sprints of the Software Development Life Cycle.
* Performed extensive task which include Data Quality Analysis, Data lineage and Data Standardization data structures, data base design, data warehouses, business.
* Walk-through the business users: Business Object Reports or QlikView reports.
* intelligence/analytic tools, SQL, ETL tools, and data integration methods
* Worked on SQL Server concepts SSIS (SQL Server Integration Services), SSAS (Analysis Services) and SSRS (Reporting Services).
* Data mapping, logical data modeling, used SQL queries to filter data within the Oracle and Sybase.
* Used the Agile methodology to build the different phases of Software development life cycle.

**Environment:** UML, Waterfall, Agile Scrum MS SQL, Windows XP, PL/Toad SQL, business intelligence Business Objects , Cognos , Tableau , Informatica, ETL , Tools SSIS, SSRS, Crystal Reports Requisite Pro, Clear Case,

**EMBLEM HEALTH , New York City NY Jan-2014-May-2015**

**DW Business Analyst/ Data Analyst**

**Project Description:** Worked for the team that is responsible for receiving, documenting, processing the claims including the eligibility verification. The team is also responsible for making the system changes if there are any changes need to be made in the current policies, rules & regulations due to the business necessities

**Roles & Responsibilities:**

* Modified existing program logic to improve overall system performance.
* Created ensuing use cases, report requirements/templates, scope documents, issue tracking and project plans in an Agile environment
* Gathered requirements from business owners for multiple projects which are intensive and rigorous in nature.
* Conducted JAD sessions to gather requirements and then documented the requirements.
* Involved in daily SCRUM meetings to provide quick feedback on any business requirements.
* Worked with the development team to ensure successful implementation of the project in a fast-paced agile environment.
* Involved in extensive DATA validation by writing several complex SQL queries and Involved in back-end testing and worked with data quality issues.
* Create the Gap analysis, and Requirement Traceability Matrix to ensure all requirements are captured
* Worked in Teradata to make sure completeness of table structures, data and reference table data.
* Handled Source to Target Data Mapping, Technical Specs documentation, and ETL
* Used Data warehousing for Data Profiling to examine the data available in an existing database.
* Designed and developed matrix and tabular reports with drill down, drill through and drop down menu option using SSRS.
* Worked With HIPAA compliant ANSI X12 837 formats for both professional claims and institutional claims.
* Extracted Data from Teradata using Informatica Power Center ETL and DTS Packages to the target database including SQL Server and used the data for Reporting purposes documentations such as Early Data Inventory Designed SSIS Packages to transfer data between servers, load data into database on SQL Server 2005 environment and deploy the data.
* Used FACETS Analytics for fast and easy retrieval, display and grouping of information for performing queries and generating reports.
* Experience in calling a Web Service, through SSIS Package through the
* Analyzed the mainframe reports for member/eligibility/claims and mapped the fields with FACETS batch jobs and reports.
* Working through the phases of SDLC using the Agile methodology
* Worked closely with Development team on ETL process, data infrastructure, data modeling, business intelligence reporting and dashboards
* Responsible for Data mapping testing by writing complex SQL Queries using WINSQL
* Dealt with the EDI transaction 835 claims payments and remittance advice, which deals the payment from payer to provider.
* Worked with Waterfall methodology during the beginning of the project then transitioned to Agile methodology

**Environment:** Waterfall, Agile (Scrum)framework, Teradata, Windows XP Toad for Oracle Version , SQL Developer, Warehouse Agile, Waterfall, Oracle , MS Office tools, Facets, HP Quality Center,

**HCA Inc, Nashville, TN Mar-2011-Dec-2013**

**Data Analyst**

**Project Description:** HCA Inc, Nashville, is responsible for the Medicaid program, child welfare, public health, disabilities, veteran’s affairs, and elder affairs increasing the nation-leading access to care. The project provided a platform, which collects and synchronizes information of each person all in one place, including medical claims, lab results, self –reported data and other relevant information and also in an efficient and effective manner.

**Roles & Responsibilities:**

* Created domain models and made them an integral part of multiple FRDs that I created for various aspects of the project.
* Developed Use Case diagrams and process flow diagrams using Rational Rose and MS Visio.
* Actively prioritized and managed requirements throughout SDLC with all key stakeholders
* Negotiated and managed multiple priorities, project plans, time frames and trade-offs while ensuring the clinical and administrative staff understood the final results of the projects, sharing detailed vision of cost-benefit analysis.
* Exploited power of Teradata to solve complex business problems by data analysis on a large set of data.
* Worked on EDI 834, 835,837 as per HIPPA guidelines.
* Involved in mentoring specific projects in application of the new SDLC based on the Agile Scrum and Rational Unified Process, especially from the project management, requirements and architecture perspectives.
* Performed GAP analysis by understanding existing process flows for the Installation and Membership and Claims adjudication and identified opportunities for streamlining the process
* Worked with Subject Matter Expert from different functional areas to define requirements specification.
* Used the Agile methodology to build the different phases of Software development life cycle.(SDLC)
* Completed Data Mapping for Group and detail Product analysis and report writing
* Responsible for understanding, articulating, extracting, and refining user requirements by conducting JAD sessions.
* Actively developed the project with agile methodology using Scrum and Extreme Programming.
* Performed the detail comparison between 4010A and 5010 especially in regard to EDI 837.
* Used the Rational Unified process methodology for the application development and created Use cases, activity diagrams and drafted UML diagrams using the Rational Rose.
* Responsible for providing business requirements within an AGILE software development SCRUM environment.
* Updated the requirements and prepared comprehensive Business Requirements Document (BRD) that provided the appropriate scope for the users and management to make appropriate decisions.
* Played a key role in planning UAT and implementation of system enhancements and data migration and conversions.

**Environment:** SQL Server Reports, Agile, SCRUM Microsoft Visio, Teradata, Windows XP, Facets, ,MS Office, Rational Requisite, Rational Rose ,HP Quality Center, TOAD SQL. SQL, UNIX.

**Aetna Inc. Hartford, CT Jan-2010-Feb-2011**

**Data Analyst**

**Project Description:** The project was contributed to the early phase into conversion of ICD-9 to ICD-10 compliant with HIPAA 5010. (HIPAA) require that all health insurance payers in the United States comply with the EDI standards for health care as established by the Secretary of Health and Human Services. The Addenda version of the ANSI ASC X12 837/835 transaction set was selected as the HIPAA-mandated format for electronic enrollment and disenrollment in a Health Plan. Along with that also managed claims processing for the entire enterprise of EDI X12 837/835 (I/P/D).

**Roles & Responsibilities:**

* Involved in creating logical and physical database design-using Erwin.
* Created Dimensional Tables and Fact Tables based on warehouse design.
* Used Data stage as an ETL tool to extract Data from sources like Oracle and DB2 and loaded to target database.
* Developed server jobs to load the data from flat files, text files, tag text files and MS SQL.
* Suggested various changes in the physical model to support the business requirements.
* Set various parameters in Data Stage Administrator for performance tuning.
* Used Data Stage Designer to develop various jobs.
* Checked inbound/outbound HIPPA regulated EDI transactions facets
* Conducting business validations, covering the following deliverables FACETS Providers, Facets Claims and Facets Membership and Operational reports
* Wrote standard and complex SQL queries using MS SQL Server and also in Mainframe for data validation process.
* Involved with Business users and ETL to implement ETL Frame Work using Data stage Server/Parallel combination of jobs.
* Actors to analyze and document business data requirements from Data ware house.
* Worked on solving the errors of EDI 834 load to Facets through MMIS.
* Used Data Stage Director to debug the jobs and to view the error log to check for errors.
* Use XML Mapper for creating SAS datasets from XML files
* Wrote PL/SQL stored procedures, functions and packages and triggers to implement business rules into the application..

**Environment:** Data Stage , Windows , Linux, DB2, UNIX, IBM Mainframe AGILE methodology, Windows, XML, HTML, HIPPA,EDI Facets.