**Ashish Suwal**

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**SUMMARY:**

* Currently working as Sr. Data Analyst with over 7 Years’ experience in IT and Data Requirement Gathering, Business Process Workflow and working with SAS and SAS tools with strong emphasis
* Worked extensively in Business Analysis (Enterprise Analysis, Requirements Elicitation, Requirements Analysis & Documentation, Communications, Solution Assessment and Validation).
* Expertise in Data Analysis/Business Analysis/Data Modeling and BI reporting.
* Experience with healthcare system, Medicaid and with prime focus on claims adjudication, provider, eligibility and prior authorization.
* Expertise in using Informatica Power center / Power Mart for data extraction, transformation and loading (ETL) from desperate data sources like oracle, SQL server, flat files, MS Access, JMS and XML files and load the data into different targets.
* Strong Facets Experience with Front End Construction on Versions 4.51/4.71.5.01
* For Executing Scripts manually, Involved in preparing data in FACETS.
* Experience in working with various data sources like Sequential file, Oracle, SQL Server, Teradata and Flat Files in Datastage designer.
* Experience with healthcare system, Medicaid and with prime focus on claims adjudication, provider, eligibility and prior authorization.
* Extensive experience in Data Analysis and ETL Techniques for loading high volumes of data and smooth structural flow of the data.
* Excellent working knowledge of SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS).
* Experienced in data warehouses and data marts for business intelligence reporting and data mining along with developing and documenting process flows for business processes.
* Knowledge and experience in using SAS Business Intelligence tools such as SAS Enterprise Guide and SAS Enterprise Miner.
* 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
* Extensive work with various Rational tools like Requisite Pro- Requirement gathering/maintenance, Use Case document maintenance, Clear Case- version control and Clear Quest/Test Director for bug tracking, Rational Rose for Use case diagrams, Sequence diagrams and activity diagrams.
* Efficient in MS Project/MS Excel for planning/status reporting/writing test scenarios.

**Technical Skill-Set**

**Healthcare** : EDI X12,HIPAA,4010,5010, FACETS, 4.51/4.71.5.01

**Languages:** SQL, HTML, SAS, XML

**Databases**: Oracle, MS SQL server, Teradata, DB2, MS Access

**Tools**: MS Office, MS Project, TOAD, MS Visio, Rational Rose, Rational Requisite Pro, Clearquest, Clearcase.

**Business Tools:** Rational Suite (Requisite Pro, Rose, Clear Quest, Clear Case)**,** MS Visio,MS Project, MS Access, MS Office Suite, Visual Paradigm,

**Reporting Tools:** Doors Erwin Data Modeller, Business Object (Crystal Reports),

**Business Skills:** Business Definition Requirements, Business Process Analysis, Gap Analysis, Use Case Modelling & Analysis, Business Environment and Market Research Analysis.

**Methodologies:** RUP, OOAD, UML & Business/Data Modeling

**Packages:** MS Office Suite, Dream Weaver, Adobe Photoshop.

**Networking:** TCP/IP, UDP, FTP, HTTP, Internet/Intranet

**PROFESSIONAL EXPERIENCE:**

**Health Net, Shelton, CT          Jun-2016-Oct 2017**

**Sr. Data Analyst**

The project was to develop applications which accept different claims like Medical claims, Dental claims, Pharmacy claims and vision claims from different vendors and route the claims into Batch Adjudication System and Online Adjudication. Project Used SAS /SQL to extract data from different databases and joining tables .

**Responsibilities**:

* Used the Agile methodology to build the different phases of Software development life cycle.(SDLC)
* Created Data Stage jobs to extract, transform and load data into data warehouses from various sources like relational databases, application systems, temp tables, flat files etc.
* Worked extensively in running SQL queries in Toad for Oracle and Toad for Data Analyst
* Analyzing the system performance. Configured SQL mail agent for sending automatic emails when a SSIS package is failed or succeed.
* Worked on generating ad hoc reports, tables and graphs for presentations and data modeling using SAS Web Report Studio
* Created source table definitions in the DataStage Repository by studying the data sources.
* Worked on Front End Construction on Facets Version, 4.71,5.01 for CSP and validating the Build by running SQL in the Backend ( Sybase Database )
* Participated in technical discussions with the Team Lead that led to the improved design of the existing Info view folder structure and scheduling automation to distribute reports to end users.
* Worked in Teradata to make sure completeness of table structures, data and reference table data.
* Analyzed the existing claims process and specific business rule logic will be applied in the requirement model.
* Provided data modeling support for numerous strategic application development projects.
* Responsible for Data Extraction, Data Compilation, Data Analysis, Data Manipulation and Data Validation using SQL queries in a MS SQL Server environment
* 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.
* Worked on data modelling and produced data mapping and data definition documentation
* Responsible for creating test scenarios, scripting test cases using testing tool and defect management for Policy Management Systems, Payables/Receivables and Claims processing.
* Designed, developed and tested data mart prototype (SQL ), ETL process (SSIS) and OLAP cube (SSAS)
* Helped with Data Mapping between the data mart and the Source Systems.
* Analysis and Design of the Facets data model to ensure optimal system performance and tuning
* Worked on Mapping documentation using the Implementation Guide for EDI HIPAA 834,835,837(D,P,I), 277/278 and other Health Care Transactions.
* Developed the ETL Informatica Mappings for importing data from ODS into subsequent data marts.
* Prepared test Data sets and performed data testing using the PL/SQL scripts. Also used MS excel for data mining, data cleansing, data mapping, data dictionary and data analysis.
* Responsible for Data Extraction, Data Compilation, Data Analysis, Data Manipulation and Data Validation using SQL queries in a MS SQL Server environment
* Exploited power of Teradata to solve complex business problems by data analysis on a large set of data.
* Prepared test Data sets and performed data testing using the PL/SQL scripts. Also used MS excel for data mining, data cleansing, data mapping, data dictionary and data analysis.
* Used Data warehousing for Data Profiling to examine the data available in an existing database.
* Used Microsoft Visio for Business Process Modelling and Data flow diagrams.
* Played a key role in data analysis and data modeling (model design, development, and model implementation) using SAS.
* Involved in Managing Data modelling project from Logical design and implementation of Sybase Database
* Extensively used TOAD to write and execute SQL queries to extract the data from the database.
* Coordinated with various IT teams related to various Facets backend database for Test Data Setup.
* Used Informatica to extract and transform data from various DB2 database to the data
* Coordinated with onsite and offshore teams for better understanding of client needs and provided quality deliverables.

**Environment:** ,EDI, Facets ,Agile Methodology, Teradata, MS Office (MS Word, MS Excel, MS PowerPoint), MS-Project, Windows, SAS , PL/SQL SSIS,SSRS,,ETL, Data Mapping, Business Objects

**Aetna, Phoenix, AZ Oct-2014-May-2016**

**Data Analyst**

The project Claims-Funds involved creating a new UI for better user experience in claim reimbursement process. UI was used to view and modify claim fallouts that occur during claim adjudication process. Project Maintained campaign analysis reports for end users using SAS and Microsoft Excel.

**Responsibilities:**

* Gathering, blueprinting and analyzing requirements using Requisite Pro and Requisite Web
* Investigated missing data and the data anomalies by creating edit checks for SAS data sets imported from databases and other servers.
* Extensively used Agile Methodology in the process of the project management based on SDLC.
* Extensive experience in running SQL queries in Toad for Data Analyst.
* Coordinated the upgrade of Transaction Sets 837P, 835 and 834 to HIPAA compliance. Responsibilities include the - Analysis of inbound and outbound interfaces and extensions to FACETS(4.51,4.71) claims processing system
* Involved in Managing Data modeling project from Logical design and implementation of Sybase Database
* Built Fast Load and Fast Export scripts to load data into Teradata and extract data from Teradata.
* Performed extensive data modelling to differentiate between the OLTP and Data Warehouse data models
* Work with business analysts to analyze and debug data issues. Use SAS programs and functions for data validation and cleansing.
* Mapped high-level to-be designs using Business Process Modeling Notation (BPMN) on MS Visio.
* Familiar with using Set, Multiset, Derived, Volatile and Global Temporary tables in Teradata for larger Adhoc SQL requests.
* Data mapping, logical data modeling, created class diagrams and ER diagrams and used SQL queries to filter data within the Oracle database
* Gathered and documented Business Requirements, created Functional specifications and translated them into Software Requirement Specifications.
* Developed Reports using the Teradata advanced techniques like Rank, Row number and etc.
* Designed conceptual and logical data models of Data Warehouse and tables.
* Gathered requirements from the users and analyzed the requirements for RQ System, Facets etc.
* Troubleshoot any problems found within FACETS and when testing the SQL data database while validating the business rule.
* Coordinated the upgrade of Transaction Sets 837P, 835 and 834 to HIPAA compliance.
* Using Shared Containers and creating reusable components for local and shared use in the ETL process.
* Prepared Logical Data Models that contains set of Entity Relationship Diagrams and Data Flow Diagrams and supporting documents and descriptions of the Relationships between the data elements to analyze and document the Business Data Requirements.
* Involved in validating SSIS and SSRS packages according to functional requirements.
* Prepared test Data sets and performed data testing using the PL/SQL scripts. Also used MS excel for data mining, data cleansing, data mapping, data dictionary and data analysis.
* Designed and developed project document templates based on SDLC methodology
* Established RUP (Rational Unified Process) methodology and provided assistance in developing Use cases and project plans.
* Analyze business requirements and segregated them into Use Case Diagrams, Activity Diagrams, Sequence Diagrams, and OOD using Borland Together according to UML methodology thus defining the Data Process Models.
* Good knowledge in BI (Business Intelligence) tools like SSIS, SSAS and SSRS to perform ETL.
* Written SAS reports to Excel, the SAS content server, HTML, and PDF
* Documented Requirements for Management Reporting out of Clear Quest using Crystal Reports.
* Facilitated Change Control Board and Governance Board meetings and acted as a liaison between parties impacted by the change requests.

**Environment** FACETS (4.51,4.71),HIPPA,MS Project, MS SharePoint MS Access, SAS/Reports, SAS Enterprise, MS SQL, Prime Excel, MS Power Point, ITIL, MS Project, Teradata, Agile Data Warehouse, Data Models,BI

**Oxford Health Plans, Trumbell CT Jan-2013-Sep2014**

**Data Analyst**

The Company serves Medicare beneficiaries and individuals through its HMO/PPO plans. I worked on the claims processing module of the Group Approval Process (GAP). The claims processing module involved Receipt and Verification of Claim Forms 837 (P, D, I) and Claims Attachments (275), Claims Enquiry and Response (276/277), Adjudication, EFT and ERA (835) as per HIPAA guidelines.

**Responsibilities:**

* Involved in requirement gathering phase (Provider, Claim components and HIPAA)
* Utilized Rational Unified Process (RUP) to configure and develop process, standards and procedures.
* Met with report users and stakeholders to understand the problem domain, gathered customer requirements through surveys, interviews (group and one-on-one) along with JAD sessions.
* Involved in understanding the current business process, defining scope of the project along with position statement.
* Wrote BRD, FRD, use cases, test scenarios, test cases for testing the functional requirement.
* Implemented automated COB processing of Medicare claims into Facets
* Constructed entity-relationship diagrams (ERDs) and data models using Erwin.
* Integrating systems of record into conformed dimensions and fact tables.
* Use of data transformation tools such as DTS, SSIS, Informatica or Data Stage.
* Using UNIX console commands to check database has been connected the other functionalities.
* Wrote database interface specifications and documented in Data Manager data dictionary
* 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.
* Handled Source to Target Data Mapping, Technical Specs documentation, and ETL documentations such as Early Data Inventory Designed SSIS Packages to transfer data between servers, load data into database on SQL Server environment and deploy the data.
* Worked on development of a information access strategy for the client including integrated data and information requirements, Tools & Process recommendations.
* Maintain historical records of contracts and accounts, support internal/external audits on a yearly and quarterly basis for Pharma Sales Operations
* Performed Data Verification in Oracle database by writing SQL Queries using Toad.
* Worked on Data mapping, logical data modeling used SQL queries to filter data within the Oracle database tables.
* and UAT team to go over the various test scenarios for different types of loads in the data marts.

**Environment*:*** ETL, SQL Server, Rational tools like Rational Rose and Requisite pro, Rational Clear Quest, Agile/Scrum, Business Objects, Test Director

**Sentara Health Care, Norfolk, VA Jan-2010-Dec-2012**

**Business Analyst**

Sentara Health Care is a one of the nation's top integrated healthcare systems and it is a not-for-profit system proudly includes advanced imaging centers, nursing and assisted-living centers, outpatient campuses, physical therapy and rehabilitation services, home health and hospice agency.

**Responsibilities:**

* Primary responsibility is to support reporting team by fulfilling the Clarity Clinical Reporting Requests
* Worked with Business Users from various departments and gathered Requirements to fulfill their Reporting needs.
* Reviewed the Requirements with Team Members and Project Manager, and created the Design Document.
* Develop complex Clarity Reports for Epic Care Ambulatory, Inpatient, Willow, Epic Op Time, Radiant, Cadence and ADT
* Worked with users from various departments like admitting, wound ostomy, therapy departments, nursing units, imaging etc. to fulfill their reporting needs
* Experienced Clarity Reporting areas include – Orders, problem lists, flow sheets, admissions, discharges and statistics by physician.
* Developed various optime related reports – case statistics, surgical staff statistics etc.
* Developed various PB related reports – Daily Production Summary Report, Payment Activities Report, Claims Status Report, Charge Summary Report, Daily Payment and Refunds Report etc.
* Conducted JAD Sessions with the subject matter experts, stakeholders and other management teams in the finalization of the User Requirement Documentation.
* Developed various Resolute HB related reports – HB and PB Claims Summery Report, HB Payments adjustment Report, HB Revenue Report, HB Weekly Denials Summery Report
* Experience in developing Reporting Workbench Clinical and ADT and modifying released Templates.
* Created the Crystal Reports using Tables and Tested the Reports by cross checking and verifying data against the reports generated from the legacy system
* Used the SAS Access engine to retrieve the data into SAS from the database.
* Responsible for creating reports using Crystal Reports version using SQL server
* Created parameters and record selection formulas, running totals, drill-down reports to meet various reporting needs
* Used Crystal Features for grouping, sorting, formatting and charting while designing the reports

**Environment:**Windows XP Toad for Oracle Version , SAS,SQL Developer, Agile, Waterfall, Oracle , MS Office tools, Windows , SharePoint, MS Visio.