Name: Simrandeep Kaur

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**SUMMARY:**

* Around 7 years of extensive experience in the field of Healthcare Data Analyst industry working to implement business requirements dealing with data analysis, solution design, metadata management and MDM.
* Experience in writing SQL queries and optimizing the queries in Sybase, Oracle, and SQL Server.
* Worked extensively on user requirements gathering, gap analysis, and development of functional speculations for critical mission accomplishing projects.
* Adequate knowledge in Health Administration - Claims processing (auto adjudication), COB, EOB/Drafts, Claims pricing, enrollment, Medicare, Medicaid, CDHP (consumer driven health plans).
* Defining the Match and Merge Rules in the MDM Hub by creating Path components, Columns, and rules. Implementing MDM solutions and real time enterprise application integration.
* Extensive experience in FACETS implementation and in-depth understanding of TriZetto/FACETS data model.
* Strong analytical, technical, and problem resolution skills, good communication skills.
* Confidential BI technology (SSIS, SSRS, SSAS) dashboard design and implementation.
* Excellent Knowledge in Electronic Medical Record (EMR) / Electronic Health Records (EHR) modules and processes now.
* Developed reports using SQL Server Reporting Services (SSRS) and using free form SQL queries in MicroStrategy.
* Strong experience with data visualization tools including tableau.
* Expertise in a broad range of technologies, including business process tools such as Confidential Project, Primavera, Promote, MS Excel, MS Access, MS Visio, technical assessment tools, and Data Warehousing concepts.
* Pro client in developing Use Case Model, Analysis Model, Design Model, Implementation Model, Use Case Diagrams, Behavior Diagrams (Sequence diagrams, Collaboration diagrams, State chart diagrams, Activity diagrams), and Class Diagrams.
* Experience in both Agile and Waterfall methodologies.

**PROFESSIONAL EXPERIENCE:**

**JPS Health Network, Dallas, TX April 2022 – Present**

Sr. Data Analyst

# Responsibilities:

* Gathering and documenting the requirements in Requisite Pro are critical to the business mission and using those requirements to design application software using a Use Case approach.
* Create EDI (Electronic Data Interchange) documents for EDI maps to generate requirement documents and Project Charter, and logical design documents for EDI transactions and code sets.
* Working with clients to better understand their needs and present solutions using a structured SDLC (Software Development Lifecycle) approach.
* Implemented MDM process to achieve strategy to roadmap and design development activities.
* Functioning as claims analyst with responsibilities that included all aspects of claims adjudication.
* Working on data integration, metadata management, ETL, data modeling tool sets.
* Working on developing and maintaining API documentation and specification.
* Coordinate with teams for API integrations.
* Analyze, and document business and functional requirements using SOA & XML.
* Working with the data mapping team for ICD9 to ICD10 code mappings of the diagnosis and procedure codes.
* Working with the FACETS team for HIPAA claims validation and verification process.
* Experience in integrating claims, eligibility, provider and data information using facets.
* Populate MDM configuration tables through Management Agent & console process.
* Exposure to MongoDB for specific projects running on NOSQL databases.
* Use Sybase based on requirements for data replication, security and for data backup.
* In depth understanding of SDLC with strong technical skills in frameworks like Office 365 & Sharepoint.
* Deep level SQL query in analyzing and validating SSIS ETL database data warehouse processes.
* Working on creating Teradata Tables, Views, and Stored Procedures for loading the data from Oracle to DW.
* Use Tableau / Power BI for data visualization and creating dashboards for various projects.
* Usually attends requirements review meetings with business analysts, project managers and developers.
* Attended meetings with other teams in the PIMS process to provide detailed feedback.
* Validating the EDI 837 claim billing (professional, institutional, and dental claims) & 835 (remittance advice or payment) claims adjudications.
* Working on Client/Server tools like SQL Server Management Studio to administer SQL Server.
* Write Data migration plans as per requirement.

# Pacific Life Insurance, Newport Beach, CA January 2021 – April 2022

Data Analyst

# Responsibilities:

* Created Conceptual and Physical Data Models for the source system using Erwin.
* Experienced in full life cycle MDM development including data analysis, database design, data mapping and data load in batch.
* Involved in designing and developing Data Models.
* Created ETL test data and tested all ETL mapping rules to the functionality of the Informatica mapping and Ab Initio graphs.
* Worked on SQL Server migration from SQL 2005 to 2008 for all environments.
* Worked with a team of consultants responsible for developing on-demand Medicaid Management System (MMIS) reports.
* Worked on creating and maintaining API documentations.
* Identification of Data Domains for MDM such as Patient, Organization and Physician etc.
* Designed and developed Sub-reports, Drill-down reports, Matrix, and Summary reports in SSRS.
* Involved in generation and execution of SQL queries.
* Produced performance reports using MS Excel queries, SQL, and MS Access
* Created system DBA, Stored procedures, triggers, queries.
* Designed new database tables to meet business information needs.
* Created MicroStrategy Schema objects and Application objects using MicroStrategy Desktop and Architect.
* Configured the Data mapping between Oracle and SQL Server 2005.
* Created SAS programs that are used for data validation, statistical report generation and program validation and automated the Edit Check programs using Macros.
* Identify customer marketing opportunities by applying data mining models and writing advanced T-SQL stored procedures and queries.
* Data mapping, logical data modeling, created class diagrams and ER diagrams and used SQL queries to filter data within the Oracle database.
* Used SQL to test various reports and ETL load jobs in development, QA, and production environments.
* Using Power BI & Tableau desktop for data validation of both static and dynamic data.

# Coserv electric, Dallas, TX October 2019 - January 2021

Data Analyst

# Responsibilities:

* Created and executed SQL Server Integration Service (SSIS) packages to populate data from the various data sources, created packages for different data loading operations for different applications.
* Created system DBA Stored procedures, triggers, queries.
* Participated on claims analyzing teams to check various nonparticipating fee schedules.
* Built business requirements into the Medicare Advantage (MA) requirements database and created the Project Requirements Document for functional areas.
* Participated in SSIS and SSRS requirement gathering and analysis.
* Developed dozens of complex SSIS and SSRS reports in SQL Server.
* Involved in defining the source to target ETL data mappings, business rules and data definitions.
* Analyzed Business Requirements and segregated them into high level and low-level Use Cases, Activity Diagrams / State Chart Diagrams using Rational Rose according to UML methodology thus defining the Data Process Models.
* Designed and developed use cases, activity diagrams, and sequence diagrams using UML.
* Used Query Analyzer, Execution Plan to optimize SQL Queries.
* Used Tableau and Power BI tools for required data visualization.
* Attended status report meetings with the business and the IT team on a weekly basis, as the most important aspect of the project is Data Mapping.
* Used Sharepoint to reduce operating costs by creating solutions for quicker processing and increasing function automation.
* Build some charts and graphs using MS Excel. Also some data validation was done using Excel.
* Involved in defining the source to target ETL data mappings, business rules and data definitions.
* Performed extensive requirement analysis including data analysis and gap analysis.
* Worked on project life cycle and SDLC methodologies including Waterfall and Agile.
* Helped in troubleshooting the designed jobs using the DataStage Debugger

# GMR InfoTech – Bangalore, India July 2016 - September 2019

Data Analyst

# Responsibilities:

* Formulated procedures for data extraction, transformation, and integration of healthcare data.
* Conducted assessment to ensure data quality and completeness with validation techniques.
* Helped with quantitative data analysis with health care, biometric and survey data.
* Designed and developed continuous outcomes reporting for multiple intervention programs.
* Coordinated with technical teams for research and evaluation of healthcare and operational problems.
* Participated in critical review and revision of existing systems for updates and enhancements.
* Supported technical teams for development and execution of supplemental analytical tools and methods. Conducted independent statistical analysis, descriptive analysis, hypothesis testing and logistic regression.
* Maintained all backup procedures and records for SharePoint installation.
* Assisted in development of data formatting and cleaning criteria from various data sources.
* Generated database reports, presentation, and documentation of analytical methods.
* Performed ad hoc analysis of data sources for all external and internal customers.