**MINAZ**

**Professional Summary**

* **Over 9+ years of experience as a Data Analyst** with solid understanding of Business Requirement gathering, Business Process flow, Business Process Modeling, Data Analysis, Data Mapping and System Analysis.
* Experience as a Data Analyst Extensive Experience in Health Care Medicaid and Medicare work and data warehousing tools.
* Worked on data mining tools and techniques and developed and conducted data mining training.
* Great experience with Flow charts, Use Case Diagrams, Sequence diagrams, Activity diagrams and Use Cases.
* Experience working with **data reporting tools**, including Data Advantage.
* Hands-on experience with an enterprise Content Management System
* Responsible for architecting integrated HIPAA, Medicare solutions, **Facets.**
* Worked on employee benefits, health insurance, defined-benefit pensions, and healthcare payer operations.
* Expertise in developing SQL & PL/SQL codes through various procedures, functions, packages, triggers, views and indexes to implement the business logics of database.
* Experience in working with Oracle Forms and Oracle Reports.
* Experience in Data modeling using Relational (Normalized), Dimensional Data Modeling (De-Normalized), Star Schema Modeling, Snow-Flake Modeling, FACT and Dimensions Tables, Physical and Logical Data Modeling, Erwin 4.x.
* Managed the Master Data processes and ensure the value of the master data is maintained by enforcing and following policy and procedures.
* Data Warehousing and Mining: Concepts, Methodologies, Tools, and Applications
* Working Knowledge of Medicaid Enterprise Certification Toolkit (MECT) and Information Technology Architecture (MITA).
* Worked on JAR/JAD sessions and Experience with large-scale Meeting Facilitation.
* Worked on Extract, Transform and Load (**ETL**) of Data.
* Expertise in defining scope of projects based on gathered Business Requirements including Documentation of constraints, assumptions, business impacts, Project risks & scope exclusions
* Worked within the Data Management organization to gather requirements for reporting and metrics that support business objectives.
* Informatica Data Quality (IDQ) is the tool used here for data quality measurement.
* Expert with Data Mining tools SPSS Clementine, SAS, Spotfire Miner
* Strong working knowledge of Oracle 11g/10g/9i/8i, SQL, PL/SQL (procedures, packages, functions, database triggers), Teradata.
* Strong **Data Modeling** Experience using ER diagram, Dimensional/Hierarchical data modeling, Star Schema modeling, Snowflake modeling using tools like **Erwin**.
* Knowledge in the ETL (extract, transform and load) of data into data warehouses/data marts and Business Intelligence (BI) tools such as Business Objects modules (reporter, supervisor, designer, and web intelligence).
* Strong experience in design and development of ETL process from Staging to Data warehouse and to Data mart.
* Extensive knowledge in RDBMS, Data Warehousing, OLAP and OLTP.
* Good understanding in the Business Workflow of Insurance, Healthcare, Sales and Marketing, Field Compensation and Quotation Management industry.
* Good hands on EDI and HIPPA transaction.
* Extensive testing experience using testing tools such as Win-Runner, Load-Runner, Test Director and Quick Test Professional
* Experience in conducting Joint Application Development (JAD) and Rapid Application Development (RAD) sessions.
* Experience of SDLC, Waterfall, Agile and RUP methodology and project life cycle.

**Technical Skills:**

|  |  |
| --- | --- |
| **Category** | **Description** |
| **Operating Systems** | Windows NT/98, XP, 2000, UNIX , LINUX |
| **Application Software** | **MS Office** - MS Word, MS Excel , MS PowerPoint, **Rational Suite** |
| **Databases** | **Oracle, MS Access, DB2 UDB,** **Oracle, IBM DB2 and MS SQL** |
| **Web Technologies, Scripting Languages** | XML, **Shell Script, VBScript, Java, .net, SOAP, WSDL, BPEL, and WS and HTML** |
| **Methodologies** | **RUP, SCRUM, AGILE**, |
| **Requirements Management Tools** | MS Visio and MS Office |
| **Testing Tools** | **Test Director**, Win Runner, Quick Test Pro |
| **Process Modeling** | **MS Visio** and Rational Rose |
| **Documents & Processes** | BRD, Use Cases, UML diagrams, UAT, Test plans & cases, Business Process Modeling, Project Planning & tracking |

**Professional Experience:**

**Client – Bayer Healthcare, Mishawaka, IN Aug 2014 to till now**

**Sr. Data Analyst**

**Responsibilities:**

* Worked with Medicaid Management Information System (MMIS), Medicare, Health Insurance Claims Processing system and HIM (Health Insurance Marketplace), HIX (Health Insurance Exchange).
* Worked on support Electronic Medical Record (**EMR)** clinical applications.
* Established a business Analysis methodology around the SDLC, helped to develop use cases, project plans and manage scope for **SAP Integration.**
* Worked on Creating Business Requirement Documents (BRD), Functional Requirement Specification (FRS) document, User Requirement Specifications (URS) document, UML Modeling – Use Case Diagrams, object diagrams, Activity Diagrams, and Sequence Diagrams, SOA Orchestration Charts.
* Gathering Requirements and design of technical specification documents. Document the business requirements for the **Cognos BI** reports. Derive **Cognos report** requirements from already existing report templates.
* Coordinated with the **Data warehouse** team (Government Med D IT) as part of the CMS reporting
* Extensively Worked on Informatica, Mainframe and Oracle database
* Involved in throughout process of ETL (Extraction, Translation and Loading) and EDI(Electronic Data Interchange) for reporting purpose.
* Worked on Claims, Customer services, Members, Billing-Enrolment interfaces and extensions for **FACETS** as a part of **FACETS** implementation team.
* Worked on Teradata dual active systems project. To support data center and Teradata dual active system efforts, worked with the team to clone jobs, programs and Teradata tables and make sure both **Teradata** systems get updated simultaneously and in sync all the time.
* Have done complex quantitative analysis using sigmastat, **SPSS and SAS.**
* Worked on **SAP Integration and Process Optimization System.**
* Worked on Business and Data Analysis, Data Profiling, Data Migration, **Data Modeling**, Data Integration and Metadata Management Services.
* Created Teradata External loader connections such as MLoad, Upsert and Update, Fastload while loading data into the target tables in Teradata Database.
* Worked Extensively on ETL process using SSIS package.
* Involved in development & documentation of Software Requirements Specification(SRS).
* Extensively performed requirement analysis including **data analysis** and gap analysis.
* Gathered and documented **MDM** application, conversion and integration requirements.
* Worked with data reporting tools, informatica, Business Object Cognos, Crystal Report.
* Worked on b Business and **Data Analysis**, Data Profiling, Data Migration, Data Integration and Metadata Management Services.
* Involved in identifying and studying the **FACETS** system data and field analysis of **Facets** system for the attribute mapping purpose for **ICD**-**10**.
* Handful of Experience in EDI Gateway platforms that supports “**Facets, QNXT** and QicLink Claims Systems - TriZetto Group, and Qcare Claims System.
* Experience in extracting, transforming and loading (**ETL**) data from spreadsheets, database tables and other sources using SSIS and Informatica.
* Actively involved in **design, analysis, developing, testing** and **performance tuning**.
* Extensively involved in Creating/coding reports that meet user requirements, validating reports, supporting data and technical requests, and supporting strategic data analysis. Analyze, extract, transform, load, and integrate data into consumable formats, meeting all critical milestones using **data warehouse** techniques.
* Extensive experience in integrating the Statistical Tools such as **SAS, Microsoft Office & SPSS** to create Forecasting Models for purpose of Forecasting and Time Series Analysis
* **Knowledge** of **SQL Server Reporting Services (SSRS) it’s a** server based report generation software used to prepare and deliver a variety of interactive and printed reports.
* Developed implementation plans, produce user documentation and training materials.  Conduct end user and staff training.
* Worked on EDI and HIPPA transactions.
* Monitored and supported end users in resolving issues with navigation, troubleshooting, orders, patient plan care information, keyboard key combinations, efficient Epic Care system usage and other on-site issues.
* Worked on Data Warehousing, Mining,, Methodologies, Data profiling, MDM, Informatica, Data Mappings, Tools, and Applications.
* Case study follow up, review information obtained from FDA , GCP, HIPAA, IRB and other regulatory compliances, recourses management, cost procurement.
* Developed the test plan to be used in testing based on business requirements, technical specifications.

**Environment:** MS Visio, Teradata servers, Varonis, SPSS, ETL, PL/SQL, Facets, Trizetto, Scrum,UML, Power Builder Visual Basic, SAP CRM/IPM , HIPAA, EDI, , Informatica, SSAS, Cognos, MS Paint, **SQL,** Oracle, SSIS, MS Office suite and HPSM.

**Client – Sequoia Health Services, Redwood City, CA Jan 2012 to Jul 2014**

**Data Analyst**

**Responsibilities:**

* Worked with Medicaid Management Information System (MMIS), Medicare or Health Insurance Claims Processing system.
* Created Process Work Flows, Functional Specifications, and responsible for preparing Software Requirement Specifications (SRS), Functional Specification Document (FSD)and Use Cases.
* Worked on implementation and support of HIM (Health Insurance Marketplace), HIX (Health Insurance Exchange) Applications.
* Worked on Process Work Flows, Functional Specifications, and responsible for preparing Software Requirement Specifications (SRS), Functional Specification Document (FSD)and Use Cases.
* Performed end to end ETL testing of Custom Tables which were developed for **Cognos Custom reports**.
* Responsible for creating Business Requirement Documents (BRD), Functional Requirement Specification (FRS) document For EMR clinical applications.
* Worked on ETL Tools Informatica 5.0/6.0,7.0 and Reporting tools BI.
* Worked on **SAP Integration and Process Optimization System.**
* Worked on Business and Data Analysis, Data Profiling, **Data Modeling**, Data Migration, Data Integration and Metadata Management Services.
* Performed database health checks and tuned the databases using **Teradata** Manager.
* Worked on Business and Data Analysis, Data Profiling, Data Migration, Data Integration and Metadata Management Services.
* Responsible for integrating with **Facets**, Designing test scripts for testing of Claims in Development, Integration and production environment.
* Created Process Flow diagrams, Use case diagrams (UML) using MS-Visio for clinical Applications.
* Conducted predictive modeling and data research using Excel and SPSS
* Code Review of **mappings** from Source to Staging and Staging to Warehouse. Modified the existing code of SQL queries for **data warehousing** tests, data extracts and executive information requests as per the new requirements.
* Designed end-to-end ETL process to load the data from client extracts into **data warehouse**.
* Provided technical support to multiple **data warehouse** development teams.
* **Wrote complex SQL queries to extract and validate the data from the Facets database.**
* Responsible for identifying data quality issues and downstream impact to the **data warehouse**
* Created reports in **SSAS** and exported to Excel spreadsheets, created web reports using Web Report Studio.
* Supported the CMS Medicare Part B program, Medi-Cal program, and Blue Shield of California by providing technical, analytical, testing, and implementation support to existing interfaces.
* Actively participated in JAD session for data standardization
* Worked on State Children's Health Insurance Program (SCHIP).
* Perform complex data analysis of various change management objects and generate graphical reports using complex SQL queries at different levels of granularity and automating Teradata Scripts.
* Involved in end to end testing of **Facets** Billing, **Claim Processing** and Subscriber/Member module.
* Extensively involved in testing Trizetto’s Facets and mainly involved in Enrollment and Eligibility modules.
* Used **ERWIN** for designing Entity Relationship diagram.
* Developed requirements using UML and use case approaches to requirements
* Worked on SDLC, Waterfall and Agile methodology.
* Developed Data Migration and Cleansing rules for the Integration **Architecture** (OLTP, ODS, DW), considering data linkage and data transformation rules.
* Worked with SQL, RDBMS, and **Data warehousing** (STAR Schema).
* Used **SQL \*Loader** to **Bulk load** the data from the flat files to database.
* Extensively worked on **Performance** **Tuning** and thereby improving the load time.
* Extensively used **Pl/Sql** for analyzing **packages**, **procedures** and **functions**.
* Analyzed the current system, related processes and identified all relevant data elements.
* Mapped data elements along with the associated business rules in the requirement's template using Use-case and Use-case diagrams

**Environment:** Agile, Scrum, UML, Oracle 11i, Claims, SQL, PL/SQL, Facets, Trizetto, ETL, Medicaid, ETL, Cognos, Windows, **Teradata Servers**, MS Visio, Informatica, DB2 UDB, MS Paint, SSAS, SSIS, MS Office Suite, SAP CRM/IPM.

**Client – Healthcare Alliance, Inc, East Amherst, NY Oct 2010 to Dec 2011**

**Data Analyst**

**Responsibilities:**

* Involved with all key stakeholders, contributors, operations and technical resources that must participate in projects and ensure that contributors are motivated to complete assigned tasks within the parameters of the project plan and had provided optimal solution.
* Supported TCRM (**Teradata** Customer Relationship Management) application. Responsible for TCRM administration, maintenance and provided the first line of support to Business users. Also worked with Teradata CRM GSC team to report, analyze and resolve any incidents with the application.
* Scheduled meetings with developers, system analyst’s (SA) and testers to identify resource allocation and project completion.
* Worked on ETL Tools Informatica 5.0/6.0,7.0 and Reporting tools BI.
* Provided management support to the off-shore End to End integration/ Regression Test Team.
* Worked on Data Warehousing, Mining,, Methodologies, Data profiling, MDM, Informatica, Data Mappings, Tools, and Applications.
* Developed complex SQL Queries to validate the data in the **Cognos Custom reports** against Safety Database.
* Strong debugging and development skill on PL/SQL.
* Also involved in developing Test Cases for the User Acceptance Testing and documentation of the developed application.
* Worked on technical diagrams, process flowcharting and project management using MS Office applications, including MS Project and MS Visio and similar applications
* Worked on requirements gathering for MDM tool implementation and user workflow processes for **HIX** (Health Insurance Exchange) Applications.
* Worked on **Data Warehousing** and Mining: Concepts, Methodologies, Tools, and Applications.
* Worked with Medicaid Management Information System (MMIS), Medicare or Health Insurance Claims Processing system.
* Extensively developed Test cases and Use Cases and conducted User Acceptance Testing (UAT), Functional System Testing, Integration testing and resolving the various issues
* Prepared Scope Document for the entire project. Identified and resolve key issues and risks.
* Experience in writing expressions in SSRS and Expert in fine tuning the reports
* Resolved issues rose by ETL and testing teams while development and testing phase of the project using QC (Quality center).
* Wrote SQL for data profiling and developed data quality reports on the commerce source systems.
* Created Process Work Flows, Functional Specifications, and responsible for preparing Software Requirement Specifications (SRS), Functional Specification Document (FSD)and Use Cases

**Environment:** MS Visio, Scrum, Varonis ,Visual Basic, Agile, EMR, HER, Cognos, MMIS, Claims, Facets, Oracle, MS Paint, Power Builder, SQL, **Teradata Servers,** MS Office suite and HPSM, UML.

**Client – Axis Capital, Brooklyn, NY Jan 2009 to Sep 2010**

**Data Analyst**

**Responsibilities:**

* Worked on Process Work Flows, Functional Specifications, and responsible for preparing Software Requirement Specifications (SRS), Functional Specification Document (FSD)and Use Cases.
* Involved in the complete SDLC- (System Development Life Cycle)from Requirement gathering to actual delivery of the Extracts which include all the loan origination and servicing data across: Loan Detail – (Home equity, mortgagee and Small business portfolios) Charge off, Recovery, Expenses and Real Estate to Secure for modeling of capital adequacy in order to be BASEL- II compliant
* Participated in JAD session with business users and sponsors to understand and document the business requirements in alignment to the financial goals of the company.
* Created the conceptual model for the data warehouse using Erwin data modeling tool.
* Reviewed the conceptual EDW (Enterprise Data Warehouse) data model with business users, App Dev and Information architects to make sure all the requirements are fully covered.
* Analyzed large number of COBOL copybooks from multiple mainframe sources (16) to understand existing constraints, relationships and business rules from the legacy data.
* Worked on rationalizing the requirements across multiple product lines
* Reviewed and implemented the naming standards for the entities, attributes, alternate keys, and primary keys for the logical model.
* Implemented Agile Methodology for building an internal application.
* Reviewed the logical model with application developers, ETL Team, DBAs and testing team to provide information about the data model and business requirements.
* Worked with ETL to create source to target mappings (S2T).
* Created SRS( System Requirements Doc) to facilitate the ETL team to develop their SDS (System Design Specification doc)
* Conducted meetings with IT, Testing and business to explain the Source to Target mappings and the business logic so as to be consistent in the final out put/product.
* Conducted JAD sessions with management, SME, vendors, users and other stakeholders for open and pending issues.
* Resolved issues rose by ETL and testing teams while development and testing phase of the project using QC (Quality center).
* Worked on Business Intelligence Concepts and data dictionaries.
* Had brain storming sessions with application developers and DBAs to discuss about various denormalization, partitioning and indexing schemes for physical model.
* Worked on Requirements Traceability Matrix to trace the business requirements back to logical model.

**Environment:** Erwin, DB2 v 4.8, Oracle 10g, Mainframe DB2, SQL Server 2000, Teradata SQL\*Loader, Informatica Power Center 8.1.

**Client – PRA Internationals, Raleigh, NC Sep 2007 to Dec 2008**

**Data Analyst**

**Responsibilities:**

* Interacting with the stakeholders to get a better understanding of client business processes and gather business requirements.
* Participated in JAD session with business users and sponsors to understand and document the business requirements in alignment to the financial goals of the company.
* Created the conceptual model for the data warehouse using Erwin data modeling tool.
* Reviewed the conceptual EDW (Enterprise Data Warehouse) data model with business users, App Dev and Information architects to make sure all the requirements are fully covered.
* Analyzed large number of COBOL copybooks from multiple mainframe sources (16) to understand existing constraints, relationships and business rules from the legacy data.
* Worked on rationalizing the requirements across multiple product lines
* Reviewed and implemented the naming standards for the entities, attributes, alternate keys, and primary keys for the logical model.
* Implemented Agile Methodology for building an internal application.
* Reviewed the logical model with application developers, ETL Team, DBAs and testing team to provide information about the data model and business requirements.
* Worked with ETL to create source to target mappings (S2T).
* Worked with DBA to create the physical model and tables.
* Worked on Mercury Quality Center to track the defect logged against the logical and physical model.
* Had brain storming sessions with application developers and DBAs to discuss about various denormalization, partitioning and indexing schemes for physical model.

**Environment:** Oracle 10g, Erwin 7.5.2, Windows XP, XML, Excel, Access, Visio.