**dhruba**

**PROFESSIONAL SUMMARY:**

* **7+ years** of Database Analyst of experience on source to target mapping, gathering business requirements from business/user, creating source to target mapping document, creating process flows, and DFD.
* Worked on various Domains like Health care, Banking, Financial, Parma and Telecommunications.
* Excellent understanding of Data warehousing Concepts - **Star and Snowflake schema**, SCD Type1/Type2, **Normalization/De-Normalization,** Dimension & Fact tables.
* Expertise in broad range of technologies, including business process tools such as Microsoft Project, MS Excel, MS Access, MS Visio, technical assessment tools, MicroStrategy Data Warehouse Data Modeling and Design.
* Experience in data modelling in Clinical data model and manufacturing.
* Extensive success in translating business requirements and user expectations into detailed specifications employing **Unified Modeling Language (UML) in an SOA environment**.
* Worked with heterogeneous relational databases such as Teradata **Oracle**, **MS Access** and **SQL Server.**
* Experience in working third party tools like **WinSQL and SQL Developer**.

Experience in Other Utilities/Tools/Scripts like Korn Shell Scripting, **SQL Plus, SQL Loader**, Export and Import utilities, TOAD 9.1 and Visio 10.0.

* Experience in complete Software Development Life Cycle(**SDLC**), Software Testing Life Cycle (**STLC**) and Bug Life Cycle (**BLC**).
* Well versed with Data Migration, Data Conversions, Data Extraction/ Transformation/Loading (ETL) using **DTS, PL/SQL** Scripts
* Experience in designing and developing **Data Warehouse** applications using **ETL** and **Business Intelligence** tools like **Informatica Power Center**, Datastage, Mainframes SAS, SSAS, SSIS, OLTP,OLAP, **Business Objects**.
* Experience with Data Extraction, Transforming and Loading (ETL) using various tools such as **Data Transformation Service (DTS), SSIS and Bulk Insert (BCP).**
* Experience with **Relational Databases** like **Oracle** 10g/9i/8i, DB2 ESE, MS SQL Server 2005/2010, DTS, Sybase, Teradata V2R5, MS Access and formats like flat-files, CSV files, COBOL files and XML files
* Good command in modeling using case tools like **ERwin**, **Oracle Designer, Power Designer** &**E-R/Studio**.
* Experience in Reference data Analysis and establishing Enterprise code for Enterprise Data Warehouse.
* Experience in Reference data Management tool Ab-Initio Portal
* Experience in SAP web intelligence BO 3.1, 4.0
* Experience in relational **Data Warehouse** as well as **ODS**.
* Strong understanding of **Data Specification Document** (Adapter Guide) and worked to capture Mapping Matrix in to Metadata Hub (Ab- initio based Tool).
* Excellent **Data Analysis skills in MS-Excel**.
* Experience in reporting tool **Tableau.**
* Experience in Data Profiling and Statistical data analysis in **SAS**.
* Involved in preparation of **Traceability Matrix** based on High/Detail requirements and Test Cases.
* Experienced in handling concurrent projects and providing expected results in the given timeline.
* Excellent communication, documentation and presentation skills with clear understanding of business process flow.

**TECHNOLOGY EXPERTISE:**

* **Database Systems:** Oracle 11g, 10i 9i/8i, SQL Server 2008/2005/2000, IBM DB2, Teradata 12, Sybase ASE 12, MS Access 2007.
* **Data Modeling Tools:** Dimensional Data Modeling, Star Schema Modeling, Snow-Flake Modeling, FACT and Dimensions Tables, Conceptual, Logical Data Physical Modeling, Erwin r7.2/3/4,Visio, Sybase Power Designer.
* **Reporting:** Crystal Reports and SQL Server 2000/2005 reporting services
* **ETL Tools: Ab-initio,** Informatica 9.0/8.1/7.x/6.x/5.x., Data Stage, SSIS, SSAS
* **Database Development:** T-SQL and PL/SQL
* **Office Applications:** MS Office (Word, Excel, Visio, PowerPoint, Project)
* **Web Development:** HTML, XML and FrontPage, Visual Basic 6.0
* **Operating Systems:** Windows 7/Vista/2000/XP/2003, Unix 5.2/4.3,Sun Solaris7
* **Programming Languages:** C#, C++, VB 6.0, **SAS**

**EDUCATION**

Bachelor of Science and Technology/Computer Engineering, Pokhara University ,Nepal

**PROFESSIONAL EXPERIENCE:**

**Blue Cross Blue Shield, Durham, NC Feb 2014 – Present**

**Data Analyst/Reference Data Analyst**

Worked as Senior Data Analyst (DA)for the migration of Legacy Power HMS to Trizetto Facets. The project NCTIO (NC TOPAZ Integration office) technology platform for the Operations teams is Facets which is the technology system that supports our Customer Service, Claims, Membership, and Billing/Financial business. The purpose of the project involves the migration small group in 2014 and large group in 2015 from Legacy system to Facets. NCTIO leaders has decided to migrate rest of large group and Individual within end of 2016.

**Responsibilities:**

* Gathered and Translated business requirements into detailed, production-level technical specifications, new features, and enhancements to existing technical business functionality
* Developed project plan with project manager’s assistance for the first two phases of the project.
* Worked closely with **Data Architect** to review all the **conceptual, logical** and **physical database design models** with respect to functions, definition, maintenance review and support **Data analysis, Data Quality** and ETL design that feeds the logical data models.
* Modify existing Ab-Initio mappings to utilize Power Exchange sources and Oracle and Netezza targets.
* Responsible for Data mapping testing by writing complex SQL Queries using TOAD.
* Incorporated the Ab-Initio,Velocity approach for Mapping design, development and Data Governance
* Identified objects and relationships and how those all fit together as logical entities, these are then translated into physical design using the forward engineering **ERWin** tool.
* Designed and Administered Teradata Scripts, Tables, Indices and Database Objects
* Involved in requirement gathering and database design and implementation of star-schema, dimensional data warehouse using Erwin.
* Develop **complex Teradata SQL queries** to **generate ad-hoc reports** for the business analysts of BCBS to implement complex business rules.
* Experience with Data Extraction, Transforming and Loading (**ETL**) using various tools such as **Data Transformation Service (DTS), SSIS and Bulk Insert (BCP)**.
* Used Universal Data Modeling Techniques to assist Novell Inc, in designing their Data Warehouse/Data Marts and Metadata Management Solution that will integrate Oracle Financials.
* Assisted the IT team to develop **service oriented architecture (SOA)**, and data warehouse system to utilize data mining for data analysis.
* Worked closely with Testing team and helped in testing the Informatica mappings, workflows, Abinitio Graphs and Teradata scripts
* Develop and maintain sales reporting using in MS Excel queries, Visual Basic 6.0, SQL in Teradata, and MS Access. Produce performance reports and implement changes for improved reporting.
* Participated in writing data mapping documents and performing gap analysis to verify the compatibility of existing system with new business requirements
* Worked on **Master Data Management (MDM)** for maintaining the customer information and also for the ETL rules to be applied.
* Involved as a primary analyst to load Adapter Guide mapping matrix in to Metadata Hub.
* Created test plan conducted whole Metadata Portal application UAT testing during the upgrade.
* Exported Different report to consumer and Published in EDD portal with **BO** and **Tableau**.
* Worked on Facets **ODS** to catch up Reference Data.
* Wrote Teradata SQL queries of different report and update as business need in SAP Business object.
* Extensive success in translating business requirements and user expectations into detailed specifications employing Unified Modeling Language (UML) in an SOA environment.
* Established Horizontal linage and vertical linage of physical table to show up source to target information in metadata portal.
* Worked closely with project teams’ developers and business end users to deliver correct reference need to support business requirement of Project team.
* Worked on Reference data profiling and loading in to Metadata.
* Participated in regular team meeting and discuss metadata strategies for various deliverables.
* Responsible for the collection of functional requirements, nonfunctional requirements, data mapping, and light data modeling.
* Created **DTS and SSIS packages** to **load data from** different file sources, such as text file, excel sheets.
* Created Ab-Initio mappings with PL-SQL procedures to build business rules to load data.
* Performance tuned the database which includes indexes and optimized SQL statements, after monitoring the **SQL** server using the **Profiler**.

**Environment**: Ab Initio 3.0.2 (GDE/EME), Teradata, SQL Server 2000, XSD, SOA, Sybase, ETL, Oracle, SSIS, Unix Shell Scripting, , Analysis Services, Teradata, Crystal Reports7.5/8.0, VB 6.0, Windows 2003, ERWin, XML

**Huntington Bank, Columbus, OH Aug 2011 - Dec 2013**

**SQL Data Analyst**

**Responsibilities:**

* Gathered the business requirements by conducting a series of meetings with business users.
* Involved in business process modeling using **UML** through **Rational Rose**.
* Experience on Extraction Transformation and Loading (ETL) process using SSIS
* Created logical data model from the conceptual model and it’s conversion into the physical database design.
* Created entity-relationship diagrams, functional decomposition diagrams and data flow diagrams.
* Used Star Schema and Snow flake Schema for data marts / **Data Warehouse.**
* Prepared the Joins/Filter logic documents that would help the ETL design team perform the Joins on the tables that are in the form of flat files before loading them to FDS or any downstream systems.
* Created documentation and test cases, worked with users for new module enhancements and testing.
* Used SQL Server 2005 tools like Management Studio, Query Editor, Business Intelligence Development Studio (BIDS) including SSIS and SSRS.
* Normalized the database up to **3NF** to put them into the **star schema** of the data warehouse.
* Wrote **PL/SQL statement** and **stored procedures** in Oracle for extracting as well as writing data
* Collected business requirements to set rules for proper data transfer from Data Source to Data Target in Data Mapping.
* Extensively used **Star Schema** methodologies in building and designing the logical data model into **Dimensional Models**.
* Used **Sybase Power Designer** tool for relational database and dimensional data warehouse designs.
* Created reports using **SQL Server Reporting Services** (SSIS).
* Involved in Data mapping specifications to create and execute detailed system test plans. The data mapping specifies what data will be extracted from an internal data warehouse, transformed and sent to an external entity.
* Responsible for creating mapping documents required for the ETL team.
* Developed new or modified existing SAS program to load data from the source and create stury specific datasets.
* Experience in **SAS/BASE, SAS/MACRO, and SAS/ODS, SAS/SQL, SAS/STAT, SAS/GRAPH, SAS/ACCESS, and SAS/CONNECT** in UNIX and Windows environments
* Created **SQL, PL/SQL, SQL Loader** control files, functions, procedures, and UNIX Shell scripts.
* Develop and maintain sales reporting using in MS Excel queries, SQL in Teradata, and MS Access.
* Responsible to design, develop and test the software (**Informatica, PL SQL, UNIX shell scripts)** to maintain the data marts (Load data, Analyze using OLAP tools).
* Conduct data mapping sessions, and write the required business requirements documentation including use cases.
* Loading staging tables on Teradata and further loading target tables on SQL server via DTS transformation Package.
* Reduced labour intensive manual processes like job entry, approval and invoicing by exposing well-defined SOA interface allowing B2B integration with Financial Clients
* Worked on building load rules and transformation logic for Extraction, Transformation and Loading (ETL)of the data into the data warehouse.

**Environment:**Windows NT, Sybase, SOA, Sybase Power Designer, SSIS, DTS, XSD, Oracle, ETL, Rational Rose, Unix shell Scripting, Teradata.

**Primera BCBS, Seattle, WA Sep 2010 - Jun 2011**

**Data Analyst**

**Responsibilities:**

* Gathered and Translated business requirements into detailed, production-level technical specifications, new features, and enhancements to existing technical business functionality
* Developed project plan with project manager’s assistance for the first two phases of the project.
* Worked closely with **Data Architect** to review all the **conceptual, logical** and **physical database design models** with respect to functions, definition, maintenance review and support **Data analysis, Data Quality** and ETL design that feeds the logical data models.
* Worked on data model of clinical data and Manufacturing data and design Data Mart.
* Responsible for Data mapping testing by writing complex SQL Queries using TOAD.
* Incorporated the **Informatica** Velocity approach for Mapping design, development and Data Governance
* Identified objects and relationships and how those all fit together as logical entities, these are then translated into physical design using the forward engineering **ERWin** tool.
* Designed and Administered Teradata Scripts, Tables, Indices and Database Objects
* Develop **complex Teradata SQL queries** to **generate ad-hoc reports** for the business analysts of BCBS to implement complex business rules.
* Experience with Data Extraction, Transforming and Loading (**ETL**) using various tools such as **Data Transformation Service (DTS), SSIS and Bulk Insert (BCP)**.
* Used Universal Data Modeling Techniques to assist Novell Inc, in designing their Data Warehouse/Data Marts and Metadata Management Solution that will integrate Oracle Financials.
* Assisted the IT team to develop **service oriented architecture (SOA)**, and data warehouse system to
* Database table review and data mapping for large scale data conversion project Oracle database to Mainframe.
* Develop and maintain sales reporting using in MS Excel queries, Visual Basic 6.0, SQL in Teradata, and MS Access. Produce performance reports and implement changes for improved reporting.
* Use of data transformation tools such as DTS, SSIS, **Informatica or DataStage.**
* Responsible for the collection of functional requirements, nonfunctional requirements, data mapping, and light data modeling.
* Created **DTS and SSIS packages** to **load data from** different file sources, such as text file, excel sheets.

**Environment**: Informatica 9.6.1 , Teradata, SQL Server 2000, XSD, SOA, Sybase, ETL, Oracle, SSIS, Unix Shell Scripting, , Analysis Services, Teradata, Crystal Reports7.5/8.0, VB 6.0, Windows 2003, ERWin, XML

**Quest Telecommunication, Denver, CO Mar 2009 - Jul 2010**

**Data Analyst**

**Responsibilities:**

* Involved in requirement gathering along with the Business Analysts Group
* Designed the data marts using the Ralph Kimball’s Dimensional Data Mart modeling techniques
* Involved in **Object Modeling** in **UML** Using **Rational Rose 2000**
* Gathered all the Sales Analysis report prototypes from the business analysts belonging to different Business units
* Conducted Design discussions and meetings to come out with the appropriate Data Mart
* Designed for the various **reporting** requirements
* Developed Functional and Regression Testing scenarios based on XML and XSD schema validations.
* Use of data transformation tools such as DTS, SSIS, **Informatica** or DataStage.
* Conducted Design reviews with the business analysts, content developers and DBAs
* Designed different type of STAR schemas like detailed data marts and Plan data marts
* Researched, Analyzed, designed, developed Java Web Services Service Oriented Architecture (SOA).
* Monthly Summary data marts, Inventory data marts using **Erwin** (with various Dimensions Like Time, Services, Customers, Sales Hierarchy, Orders **Snow flake** Dimensions and various FACT Tables)
* Worked on data modeling and produced data mapping and data definition documentation
* Designed Sales Hierarchy dimensions to handle sales hierarchy reporting historically and dynamically
* Using Shared Containers and creating reusable components for local and shared use in the ETL process.
* Worked with the Implementation team to ensure a smooth transition from the design to the implementation phase

**Environment**: SQL Server 2000, Windows NT, ERWin 4.0, MS-DTS, SQL\*Loader, XSD, SSIS, Data Junction, Oracle, Rational Rose 2000.