

Software Developer Software Developer DW/Architect/Support/ Developer Minneapolis, MN 12 years of extensive experience in high scalability datawarehouse environments. Diverse and intense analysis/programming for Software Development Life Cycle (SDLC) of ETL processes using agile and waterfall methodologies. Scoped and designed models to implement MDM architecture for optimum scalability as well as to adhere to Data Quality guidelines. Analyzed business requirements, developed logical and physical data models by identifying facts and dimensions to represent star schema data marts. Reviewed, maintained and documented ETL process specifications to produce deliverables such as data profiling, links and stages, ETL flows. Collaborated with business intelligence teams to ensure seamless operations for data retrieval of OLAP systems. Assisted the business stakeholders in the process of go/no-go decisions for key implementations. Developed and maintained applications for data extraction, integration and transformation from flat files or legacy systems for loading into relevant tables in OLTP/OLAP databases. Created, debugged and executed SQL queries to perform source-to-target data audit for accuracy and completeness. Worked on .NET, Java and XML technologies. Worked extensively on stored procedures, triggers, functions, indexes and constraints for data transformation. Conducted troubleshooting and resolved system, process performance and data issues. Proficient in Kimball and Inmon methodologies. Co-ordinated and developed job scheduling unix shell scripts for final production implementation. Effectively worked in highly demanding situations and have been a motivator to the entire team. Authorized to work in the US for any employer

Work Experience Software Developer Anonymous Confidential - Minneapolis, MN August 2015 to Present Working in the field of database, scripts development. Co-ordinating and working on IAAS and PAAS cloud enhancements. DW Analyst/Architect/Support United HealthCare May 2013 to March 2014 Environment: Teradata 14, Oracle 11g, DataStage 8.6, Erwin 7, Data Warehousing Reviewed business and technical specifications to implement ETL processes in existing data warehouse. Worked with business and QA teams to implement customer solutions requiring addition of new data to the data warehouse. Analyzed existing ETL processes to develop a data model for documenting existing relationships. Analyzed system requirements to create high

level design for data flow. Reviewed multiple sources of data flow into the data warehouse. Reviewed existing data quality measures to enhance the timeliness and validity of the entire ETL process. Documented and updated the processes with the data warehouse for current and future reference. Created test scripts and reviewed team test plans for functional, performance and regression testing. Developer ATT November 2012 to April 2013 Environment: Teradata 13, Oracle 11g, Informatica 8.6, Erwin 7, SSAS, SSIS, Data Warehousing. Analyzed existing datawarehouse tables to develop a data model for documenting existing relationships. Analyzed system requirements to create high level design for data flow. Designed data flow diagrams to track data transfer from production database to datawarehouse. Created new relational models for storing marketing data. Developed logical table models with different normalized forms per system requirement to cater to data warehousing as well as business intelligence needs at the same time. Developed data flow designs to allow ETL process accurately from end to end in new or existing target tables. Added data to data warehouse through development of source to target maps and stages and transformation rules and processes. Developed dimensional table models with a view to achieve faster data retrieval. Software Analyst/Data Modeler/ Developer Mayo Clinic July 2010 to August 2012 Environment: Sybase 15.0, Solaris 9.0, DB2, Informatica 8.6, Erwin 7, Data Warehousing, ASP.NET, XML. Analyzed and developed enhancements to an in-house Supply Information Management System, that helped the surgical staff in tracking the usage of items(surgical items, equipment, implants). Collect data for expense reporting, supply ordering, patient billing, implant tracking and several reports for use by physicians, nurses and other staff. Designed data flow model to track data transfer from production to reporting database. Created new relational and dimensional schema for storing archival data. Designed and created a process to archive, replicate and delete OLTP data onto OLAP server as per requirements using triggers, stored procedures and proxy tables. Designed schemas for data warehouses to capture SCDs and CDCs correctly. Worked with DBA and application administrator to identify hardware and database bottlenecks and work them out for better performance and scalability. Created new as well as modified existing stored procedures, triggers for optimal performance. Developed logical

table models with different normalized forms per system requirement to cater to data warehousing as well as business intelligence needs at the same time. Fine-tuned SQL statements using query plans; created temporary tables for inter-processing storage. Created unix shell scripts to call and execute stored procedures. Created cron jobs for some overnight job schedules. Monitored performance reports from database and ETL tools server log to further consider process enhancements and tunings. Software Analyst/Data Modeler/ Developer Federal Home Loan Bank October 2006 to June 2010 Environment: Oracle 10gR2, Teradata 13, Unix shell scripts, OBIEE, Erwin 7.0 Analyzed and developed enhancements to an in-house mortgage and securities application for calculating the borrowing capacity of member banks against pledged collateral and securities. Created logical and physical data models using Erwin. Prepared technical specification documents for data warehousing jobs. Based on market dynamics and user needs, modified the application business logic to map and include new data fields and load data from flat files onto the database. Made structural changes to database objects, created roles, tables, partitions for large tables, materialized views, etc. Defined granularity, aggregation and partition required at target database. Created unix shell scripts to call and execute SQL loader scripts. Created cron jobs for some overnight job schedules. Loaded data from flat files, Sybase and legacy databases to Oracle. Created roles with specific grants only for some users to allow them to complete the ETL process. Designed facts and dimensions to implement SCDs and CDCs. Monitored performance reports from database and ETL tools server log to further consider process enhancements and tunings. Created scripts and verified the accuracy of the transformation. Used query analyzer to obtain the optimum performance. Used round robin partitioning logic involving large datasets. Extensively involved in the software development life cycle (SDLC). Worked on developing Physical, Business and Presentation layers of metadata repository for reporting dashboards using OBIEE. Implemented modifications after successful User Acceptance Testing (UAT). Education Master's Skills C# (1 year), Java (Less than 1 year), Javascript (Less than 1 year), Python (Less than 1 year), Oracle 10G (3 years), Db2 (4 years), Informatica (2 years), C (3 years), ITIL (2 years), Cloud Computing (Less than 1 year), MYSQL Certifications/Licenses Driver's License

Additional Information SKILLS      Database Teradata 14, Oracle 10gR2, Sybase 15.x, MS SQL Server 2008, DB2 PL/SQL, T-SQL, (Stored Procedures and Triggers) TOAD, DB Artisan, SQL Nav 4.0, RSql, Erwin7.0, PowerDesigner12.5      Data Warehouse Informatica 8.6, Datastage 8.6, Quality Stage, OBIEE, Business Objects/Crystal Reports      Misc Mercury Quality Center, Unix, Tivoli Scheduler, TFS, .NET, XML

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