**Naveen**

**ETL developer**

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**SUMMARY:**

* Having 8 years of IT experience in Development, Test, administration & analyzing business needs of clients, developing effective and efficient solutions and ensuring client deliverable within committed deadlines.
* Having experience in interacting with the client in requirement gathering.
* Having sound knowledge on OLTP, ODS and EDW data modeling (logical and physical design, and schema generation) using Erwin, ER/Studio and other tools for Teradata, Oracle, DB2/UDB and MS SQL Server models & repositories.
* Extensive experience in loading high volume data, requirements gathering, analysis, design, development, test and implementation.
* Strong Data Warehousing ETL experience of using Informatica 9.6/9.5/8.6.1/8.1/7.1 PowerCenter Client tools - Mapping Designer, Repository manager, Workflow Manager/Monitor and Server tools – Informatica Server, Repository Server manager.
* Good knowledge in Teradata 14/13/12/V2R6.2/V2R5, Data Load/Unload utilities like BTEQ, FastLoad, MultiLoad, Tpump, FastExport.
* Experience in using Teradata ETL utilities BTEQ, FastLoad, MultiLoad, FastExport, TPT toexport, load data from/to host , staging, Data warehouse and Datamart tables
* Good knowledge on Teradata Data distribution and Massively parallel processing techniques
* Proficient in analysis of user requirements and functional specifications.
* Exclusive experience in ETL process and ETL development.
* Strong Emphasis in reviewing End-to-End test requirements, assigning appropriate resources, and initiate the End-to-End planning process.
* Good understanding of the Software Development Life Cycle (SDLC).
* Excellent in interacting with developers at various levels and understanding technical specifications, documentation of the application to be tested.
* Involved in development of Informatica mappings with required transformations like Aggregator, Filter, Lookup, Sorter, Normalizer, Update strategy etc.
* Strong Knowledge on Power center Designer,Workflow Manager,Workflow Monitor.
* Creating sessions and Workflows using Informatica Workflow Manager.
* Used complex transformations like Lookup, Update Strategy, Sequence Generator and Stored Procedure while Developing Mapplets and Mappings using Informatica Designer Tool.
* Involved in Performance Tuning at mapping level and session level.
* Experience in resolving on-going maintenance issues and bug fixes; monitoring Informatica sessions as well as performance tuning of mappings and sessions.
* Expertise in working with relational databases such as Oracle 11g/10g/9i/8x, SQL Server 2008/2005, DB2 8.0/7.0, UDB, MS Access and Teradata.
* Strong hands on experience using Teradata utilities (FastExport, MultiLoad, FastLoad, Tpump, TPT, BTEQ and QueryMan).
* Having good knowledge in Autosys,ALM/QC and Clear Quest.
* Experienced in troubleshooting Teradata scripts, fixing bugs and addressing production issues and performance tuning.
* Proficient in Teradata database design (conceptual and physical), Query optimization, Performance Tuning.
* Extensive experience with managing, leading various complex data warehousing applications and installations, integrations, upgrades, maintenances of ETL, Datamart Siebel 7.0/2000/5.5, Siebel Warehouse 6.3, Siebel EIM, OLAP, OLTP, Autosys, Control M, Sybase, BI, data cleansing, data profiling tools.
* Hands on experience using query tools like TOAD, SQL Developer, PLSQL developer, Teradata SQL Assistant and Query man.
* Expertise in writing large/complex queries using SQL.
* Strong knowledge on Ab Initio GDE (3.0/1.15/1.14/1.13), Co>Op (3.0/2.15/2.14/2.13/2.12/2.11).
* Good Knowledge in Dimensional Data modeling, Star/Snowflake schema design, Fact and Dimensional tables, Physical and Logical data modeling.
* Experience with business intelligence reporting tools using Business Objects, Cognos and Hyperion.
* Experience in supporting large databases, troubleshooting the problems.
* Experience in all phases of SDLC like system analysis, application design, development, testing and implementation of data warehouse and non-data warehouse projects.
* Excellent ability with competitive spirit in finding various approaches for problem solving and highly skillful, creative and innovative in developing efficient logic/code.
* Proficiency in prioritizing and multi-tasking to ensure that tasks are completed on time
* Good Communication and interpersonal skills.

**Technical Skills:**

**ETL Tools:**  Informatica 9.6/9.5/8.6.1/8.1/7.1,OBIA,AbInitio(GDE3.0/1.15/1.14/1.13), Co-op (3.0/2.15/2.14/2.13/2.12/2.11) SSIS

**Teradata Tools:** BTEQ, Teradata SQL Assistant, Teradata Manager, PMON, Teradata Administrator,ARCMAIN.

**DB Tools:** SQL\*Plus, SQL Loader, TOAD, OBIEE, BTEQ, Fast Load, Multiload, FastExport, SQL Assistant, Teradata Administrator, PMON, Teradata Manager,Microstrategy.Cognos,Microstrategy,BO

**Databases:**  Teradata 14/13/12/V2R6.2/V2R5, Oracle 10g, DB2, MS-SQL Server 2000/2005/2008, MS-Access, Oracle,Mainframe

**Scheduling Tools:** Autosys

**Version Control Tools:**  Clear Case

**Programming Languages:** C, C++, Java, J2EE, Visual Basic, SQL, PL/SQL,Siebel,Python and UNIX Shell Scripting,

**Data Modelling /Methodologies:**Logical/Physical/Dimensional, Star/Snowflake, ETL, OLAP,

Complete Software Development Cycle. ERWIN 4.0

**Operating Systems:** Sun Solaris 2.6/2.7/2.8/8.0,Linux, Windows, UNIX

**PROFESSIONAL SUMMARY:**

**PNC Bank, Pittsburgh Pennsylvania Jan2015-Present**

**Role : ETL Developer**

Description: PNC Bank Chief Financial Officer is responsible for the all of the Bank’s fiscal operating results utilizing generally accepted accounting principles, such as cost accounting, budgets, regulatory agency and government reports ensuring the safeguard of Bank assets.

**Responsibilities:**

* Responsible for ETL design & implementation to source.
* Involved in requirement analysis, ETL design and development for extracting data from the source systems like Oracle, flat files, XML files and loading into data mart by making new ETL designs.
* Analysis of Data by using IDQ.
* Worked on developing UNIX Scripts for file parsing and job automations.
* Developed complex mapping logic using various transformations like Expression, Lookups (Connected and Unconnected), Joiner, Filter, Sorter, Router, Update strategy and Sequence generator, SQL.
* Extensively worked with Teradata utilities like BTEQ, Fast Export, Fast Load, Multi Load to export and load data to/from different source systems including flat files.
* Hands on experience using query tools like TOAD, SQL Developer, PLSQL developer, Teradata SQL Assistant and Query man.
* Converted functional specifications into technical specifications (design of mapping documents).
* Developed Packages by using SSIS.
* Build New Data Models.
* Created deployment groups to deploy objects.
* Utilized the Informatica Data quality management suite (IDQ and IDE) to identify and merge customers and addresses.
* Responsible for providing solutions in performance tuning of database objects using parallel Execution, query optimization techniques (function based indexes, minimizing joins), partitioning, bulk collections strategies, pipeline functions, oracle Hints. And expertise in using explain plan, SQL trace and extended SQL trace (TKPROF) for batch & ODI scenarios.
* Responsible for design and implementation needed for loading and updating the warehouse.
* Worked with Session logs and Work flow logs for Error handling and troubleshooting in Dev environment.
* Created scripts for better handling of incoming source files such as moving files from one directory to another directory and extracting information from file names, such as date, for continuously incoming sources.
* Wrote scripts to ensure e-mails sent to respective people on Failure/Success, error handling, control auditing of different processes.
* Involved in Performance Tuning of existing mappings as well as new ones.
* Wrote complex SQL scripts to avoid Informatica joiners and Look-ups .
* Migrated code/objects from the development environment to the QA/testing environment to facilitate the testing of all objects developed and check their consistency end to end on the new environment.
* Involved extensively in Unit testing, integration testing, system testing and UAT.
* Solution the Data Quality and Data Cleansing tracks for the MDM project
* Supervision of data quality, ETL development, data-integration, testing
* Conduct business and requirements analysis workshops, produce gap/fit

**Environment:** Informatica Power Center 8.1/7.1.3, IDQ, Teradata, Oracle 10g, Toad 7.5, Erwin, SQL, PL/SQL, SQL plus, MS SQL Server 2005, UNIX.

**State of Colorado department of Revenue, Denver, CO Feb2013-Dec2014**

**Role: ETL developer**

The CITA Project Involves implementing an enterprise class tax system called GenTax that will be used by users geographically dispersed across Colorado. Gentax uses a multi-tier distributed architecture that can be divided into three layers: Interface (TaxPayer or DOR user), Business and Data. The Project (Phase II,III,IV) involves migrating Tax Returns (Individual and Businesses, Motor Fuel and IFTA) data from Legacy Systems to Gentax.

**Responsibilities:**

* Create new mapping designs using various tools in Informatica Designer like Source Analyzer, Warehouse Designer, Mapplet Designer and Mapping Designer.
* Created Weekly, Monthly and Quarterly Business Monitoring reports on different Business Programs which helps Managers to take Decisions on the Programs.
* Maintain Development, Test and Production mapping migration Using Repository Manager, also used Repository Manager to maintain the metadata, Security and Reporting.
* Developed complex Mappings, Mapplets and Reusable Transformations to facilitate daily loading of Data into Oracle.
* Develop and support ETL processes including architecting table structure, building ETL process, documentation, and long-term preparedness by using SSIS.
* Build Complex SSIS packages by using the Transformation
* Performed Unit testing of the mappings developed.
* Having good knowledge over the data in the warehouse, been a point of contact for the BA's in identifying the relevant data as per their requirement and generated one off extracts that do not follow SDLC using Teradata, Mainframes
* Create Teradata BTEQs, JCLs and other components
* Profiled the data using Informatica Data Explorer (IDE) and performed Proof of Concept for Informatica Data Quality (IDQ).
* Created transformations and used Aggregator, Expression, Sequence Generator, Joiner, Filter, Router, Look up and Update Strategy transformations to model various standardized business processes.
* Extract and Load data using different tools in Teradata like Multiload, FastExport, Fastload, OLE Load, BTEQ.
* Extensively used workflow variables, mapping parameters and mapping variables.
* Created sessions, batches for incremental load into staging tables and scheduled them to run daily.
* Implemented performance tuning logic on Targets, Sources, Mappings and Sessions to provide maximum efficiency and performance.
* Handled multiple files and used MLOAD to load the Teradata staging tables
* Involved in Unit, Integration, System, and Performance testing levels.
* Written documentation to describe program development, logic, coding, testing, changes and corrections.
* Optimize Teradata SQL queries using Teradata Explain, collecting statistics, creating/droppingsecondary indexes
* Create and Drop Secondary indexes for efficient retrieval process
* As part of ETL performance tuning, work with Teradata Administrator to identify and resolveperformance bottlenecks in terms of Query optimization and Workload management
* Modified existing mappings for enhancements of new business requirements.
* Works as a fully contributing team member, under broad guidance with independent planning & execution responsibilities.Responsible for coordinating with the upstream teams to get the data into system.
* Loaded data into test databases by executing autosys box and validated the data.
* Created new Informatica mappings, sessions, Worklets and Workflows to incorporate the enhancements requirement.
* Giving KT to the new joiners and freshers in the team about project architecture, Loads and data issues.
* Responsible for validating the ETL transformation logic.
* Responisible for running autosys jobs.
* Helping to the team members in fixing the issues, developing the jobs and analyzing the code.
* Analyzing the data loads, identifying the dependency and changing the load sequence in busy schedules.
* Monitoring the daily, weekly and monthly data loads and fixing the load failures.
* Automated the jobs through scheduling using Built in informatica scheduler.
* Performance tuned and optimized various complex SQL queries.
* Coordinated with the business analysts and developers to discuss issues in interpreting the requirements.

**Environment:** Informatica Power Center 8.6.1, Workflow Manager,IDQ, Workflow Monitor, Informatica Power Connect / Power Exchange,Teradata SQL Assistant, Windows NT,Autosys,UNIX,Putty, MLOAD, TPUMP, FAST LOAD, FAST EXPORT.

**Pearson Education, Chandler, AZ Sep2011-Jan2013**

**ETL/ Informatica Developer**

Pearson is the world's leading education company. From pre-school to high school, early learning to professional certification, our curriculum materials, multimedia learning tools, and testing programs help to educate more than 100 million people worldwide - more than any other private enterprise.

**Responsibilities:**

* Using Informatica PowerCenter Designer analyzed the source data to Extract & Transform from various source systems(oracle 10g,DB2,SQL server and flat files) by incorporating business rules using different objects and functions that the tool supports.
* Created Mappings using the transformations like Source Qualifier, Aggregator, Expression, Lookup, Filter, Router, Joiner, etc.
* Using Informatica PowerCenter created mappings and mapplets to transform the data according to the business rules.
* Implemented slowly changing dimensions (SCD) for some of the Tables as per user requirement.
* Documented Informatica mappings in Excel spread sheet.
* Tuned the Informatica mappings for optimal load performance.
* Create Mapping Document between Input files/DB2 and Teradata Staging/Physical layer tables
* Create Mapping Document between Teradata Staging and Physical Layer tables
* Identify Informatica transformations/Teradata Utilities required to move data to TeradataTargets
* Created and Configured Workflows and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
* Have used BTEQ, FEXP, FLOAD, MLOAD Teradata utilities to export and load data to/from Flat files.
* Migrated data with help of Teradata FastExport, Insert/ Select, flat files from one system to another.
* Involved in test data set up and data quality testing and Unit testing and Integration Testing.
* Used BTEQ and SQL Assistant (Query man) front-end tools to issue SQL commands matching the business requirements to Teradata RDBMS.
* Test changes in all Informatica, Teradata and Mainframe test environments
* Performance tuning, monitoring and index selection while using PMON, Teradata Dashboard, Statistics wizard and Index wizard and Teradata Visual Explain to see the flow of SQL queries in the form of Icons to make the join plans more effective and fast.
* Providing suggestions for best join plans while visualizing SQL queries with Visual Explain and Explain while recommending best Join Indexes such as Single table or multi table join indexes.
* Supporting jobs running in production for failure resolution with tracking failure reasons and providing best resolution in timely manner.
* Used ODI to perform data integration to ELT processing. Data is extracted from multiple sources, sent through several transformation processes and loaded into a final destination target.
* Interaction with different teams for finding failure of jobs running in production systems and providing solution, restarting the jobs and making sure jobs complete in the specified time window.
* Constantly interacted with business users to discuss requirements.

**Environment:** Informatica PowerCenter Designer 8.6/8.1, Informatica Repository Manager, Teradata, shell scripting, SQL Assistant, Cognos, Windows Vista, Erwin, Autosys.

**Liberty Mutual Insurance, NH Mar2010-Aug2011**

**ETL/Informatica Developer**

Liberty Mutual Group which ranks 129th on the Fortune 500 list of U.S. corporations is one of the largest multi-line insurers in the North American property/casualty industry. Liberty Mutual has been the leading provider of workers compensation insurance, programs and services.

**Responsibilities:**

* Worked with various Business users to gather reporting requirements and understand the intent of reports and attended meetings to provide updates on status of the projects.
* Understanding of Bussiness Requirement Documents , Data models & Architecture of project.
* Created Tasks, Workflows, Sessions to move the data at specific intervals on demand using Workflow Manager.
* Create new mapping designs using various tools in Informatica Designer like Source Analyzer, Warehouse Designer, Mapplet Designer and Mapping Designer.
* Created Weekly, Monthly and Quarterly Business Monitoring reports on different Business Programs which helps Managers to take Decisions on the Programs.
* Maintain Development, Test and Production mapping migration Using Repository Manager, also used Repository Manager to maintain the metadata, Security and Reporting.
* eveloped complex Mappings, Mapplets and Reusable Transformations to
* facilitate daily loading of Data into Oracle.
* Performed Unit testing of the mappings developed.
* Created transformations and used Aggregator, Expression, Sequence Generator, Joiner, Filter, Router, Look up and Update Strategy transformations to model various standardized business processes.
* Extensively used workflow variables, mapping parameters and mapping variables.
* Created sessions, batches for incremental load into staging tables and scheduled them to run daily.
* Implemented performance tuning logic on Targets, Sources, Mappings and Sessions to provide maximum efficiency and performance.
* Involved in Unit, Integration, System, and Performance testing levels.
* Written documentation to describe program development, logic, coding, testing, changes and corrections.
* Modified existing mappings for enhancements of new business requirements.
* Works as a fully contributing team member, under broad guidance with independent planning & execution responsibilities.

**Environment:**Informatica, Business Objects , Autosys, Oracle, Teradata,Shell Scripts,OBIEE, HP unix , Windows XP, Erwin.

**Starwood Hotels, White Plains, NY Nov2008-Feb2010**

**Role: DW Informatica Developer**

Starwood is one of the world's largest hotel and leisure companies. It conducts hotel and leisure business both directly and through its subsidiaries. Its brand names include the following: St.Regis, The luxury Collection, Westin, Le Meridian, Sheraton, Four Points, Aloft, Element. Through its brands, we are well representing in most major markets in the world. Our operations are grouped into two business segments, hotels and vacation ownership and residential operations.

**Responsibilities:**

* Involved in understanding the Requirements of the End Users/Business Analysts and Developed Strategies for ETL processes.
* Configured the source and target database connections using .dbc files
* Developed mappings in Informatica to load the data including facts and dimensions from various sources into the Data Warehouse, using different transformations like Source Qualifier,Expression, Lookup, Aggregate, Update Strategy and Joiner.
* Developed reusable Mapplets and Transformations.
* Created sessions, configured workflows to extract data from various sources, transformed data, and loading into data warehouse.
* Modified existing mappings for enhancements of new business requirements.
* Used Debugger to test the mappings and fixed the bugs.
* Involved in Performance tuning at source, target, mappings, sessions, and system levels.
* Prepared migration document to move the mappings from development to testing and then to production repositories.
* Used BTEQ and SQL Assistant (Query man) front-end tools to issue SQL commands matching the business requirements to Teradata RDBMS.
* Created proper Teradata Primary Indexes taking into consideration of both planned access of data and even distribution of data across all the available AMPS. Considering both the business requirements and factors, created appropriate Teradata NUSI for smooth (fast and easy) access of data.
* Prepared the testcase documents and other technical specification documents.

**Environment:** Informatica Power Center, Informatica Repository Manager,Teradata, Teradata SQL Assistant, Fast Load, BTEQ, MLOAD ,Business Objects , Shell Scripts, HP unix , Windows XP.