**Neha Teli**

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*Experienced ETL developer skilled in Informatica Power Center. Oracle, Teradata database, Unix Shell scripting, BMC ControlM with Data-warehouse and Business Intelligence experience.*

**Summary:**

* 8 years of specialized IT experience in building Enterprise Data Warehouse, Data Marts, Operational data stores in major industry sectors using Informatica Power Center 10.2, 9.x.
* Strong Focus on Software Development Life Cycle (SDLC) with design, concept, architecture, planning, modeling, coding, development, testing, implementation of Business Intelligence solutions using Data Warehouse/Data Mart Design, ETL, OLAP, BI.
* Expertise in working with relational databases such as Oracle 10g/9i, Teradata 14/12, SQL Server 2000/2005/2008, DB2, My Sql.
* Strong experience working with Business Analyst & Modelers to understand the requirements, Model.
* Hands on experience on AWS Technologies like EC2, S3 and RDS.
* Hands on experience on Big Data Tool like MapReduce, Hive and Spark SQL.
* Designed and developed complex mappings to move data from multiple sources into a common target area such as Data Marts and Data Warehouse using lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Normalizer, Sequence Generator, and Update Strategy from varied transformation logics in Informatica as well as performance tuning of mappings and sessions.
* Extensive and proven experience using Oracle 8i/9i/10g/11g – SQL and PL/SQL.
* Extensive experience writing Database Triggers, Stored Procedures, Functions and Packages using PL/SQL.
* Extensive work with Slowly Changing Dimensions (Type 1 & Type 2).
* Strong experience in Enterprise Data Warehouse environment with Informatica & Teradata combination.
* Hands on experience with Teradata utilities like BTEQ, Fast Export, Fast Load, and Multi Load to export and load data to/from different source systems including flat files.
* Extensive experience in writing UNIX shell scripts and automation of the ETL processes using UNIX shell scripting. Worked with PMCMD to interact with Informatica Server from command mode.
* Experience in using Automation Scheduling tools like Redwood Cronacle, Control-M.
* Expertise in OLTP/OLAP System Study, Understanding E-R modeling and Dimensional Models using Star schema and Snowflake schema techniques, Identifying Facts and Dimensions.
* Extensive experience with production support for supporting and maintaining huge DWH systems.
* Good communication skills with ability to work as Team player. Ability to work in groups as well as independently with minimum supervision.
* Expert Agile & Waterfall methodology also expert in using Agile tools Rally.

**TECHNICAL SKILLS:**

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| **ETL Tools** | Informatica PowerCenter 9.6.1/9.5.1/8.6.1/7.1.1 |
| **Modeling** | Dimensional Data Modeling, Star Schema Modeling, Snow - flake Schema Modeling, E-R Modeling, Microsoft Visio. |
| **RDBMS** | Oracle 10g/9i, Teradata 14/13/12, DB2, SQL Server 2000/2005/2008, MySQL |
| **Reporting Tools** | Cognos, Business Objects |
| **Languages** | UNIX Shell Scripting, SQL, PL/SQL, Python, XML |
| **Operating System** | Windows, Linux |
| **Scheduling Tools** | ControlM , Redwood Cronacle |
| **Big Data Tools** | MapReduce, Spark SQL, Hive |
| **AWS Technologies** | EC2, S3, RDS |

**EDUCATION:**

Visvesvaraya Technological University, Belgaum, Karnataka, INDIA

B.E (Electronics & Communications), 2006-2010

**Client: Santander Bank Oct 2018 - Present**

**ETL Developer**

The purpose of this project is to integrate and build data vault to support retailing and commercial banking services. We extract transform and load different source system data to our data vault and provide extract to other venders and also help banking end user to assist decisions regarding risk and fraud mitigation and improve operations effectiveness.

* Design and development of ETL informatica mappings for data load from source system into Data Vault in Oracle.
* Created re suable mapplets and used them in different mappings
* Created complex mappings using Connected/Un Connected Lookup, Sorter, Aggregator and Router transformations for populating target tables in efficient manner.
* Involved in change data capture (CDC) ETL process.
* Creating Test cases and Review Checklist.
* Unit test and system integration testing as per standards.
* Data validation and help / support Reporting team on new report generations.
* Supporting the business and customer queries and ensuring that SLAs are met.
* Developed meshes in control M.

**Client: Visiting Nurse Service of NY March 2016 – March 2018**

**Data Warehouse Developer**

VNS CHHA is homecare provider that service New York residents.

VNS CHOICE Health Plans offers wide range of plan options, including three different Medicare Advantage plans, three Medicaid long term care plans, and a plan specially designed for those with HIV/AIDS special needs and shares its not-for-profit mission of care and compassion for the most vulnerable New Yorkers.

Built a central Database (called Data Lake) where data comes from different sources like oracle, SQL server, DB2, flat files and XML. Actively involved as an Analyst for preparing design documents and interacted with the data modelers to understand the data model and design the ETL logic.

* Involved as Lead in Design and development of CHOICE DataMart.
* Involved in building the ETL architecture and Source to Target mapping to load data into Data warehouse (Data Lake).
* Used Type 1 SCD and Type 2 SCD mappings to update slowly Changing Dimension Tables.
* Extensively used Teradata utilities like Fload, Mload and Tpump to load data from flat files to the database tables in Teradata.
* Involved in Performance tuning at source, target, mappings, sessions, and system levels.
* Interacting with Business to understand their data needs and provide an optimal solution.
* Designed and customized data models for Data warehouse supporting data from multiple sources on real time.
* Worked on different tasks in Workflows like sessions, events raise, event wait, decision, e-mail, command, worklets, Assignment, Timer and scheduling of the workflow.
* Designed and Developed Oracle PL/SQL Packages/Procedures/Functions to build complex business rules to load data
* Created Pre and Post UNIX shell scripts to perform Reconciliation process, automated testing and capture stats for each load.
* Investigating and fixing the bugs occurred in the production environment and providing the on-call support. Each fix is tracked and can be used for future reference.
* Developed and Maintained warehouse metadata, naming standards and warehouse standards for future application development
* Worked extensively in Administration and Automation of Scheduling tool Control-M.
* Responsible for QA and Production Migration of Informatica/Oracle/Unix and ControlM objects.
* Developed HTML job reports using informatica and oracle components to email business the nightly job status in email.
* Involved extensively in SAS data integration jobs to Informatica / oracle Migration project.

**Client: Delta Airlines, India** **Oct 2014 – Dec 2015**

**Sr. ETL Developer**

The purpose of this project is to build a data mart that allows users to easily identify all ancillary product usage associated to a particular passenger or group of passengers. Delta was looking for single point data system to support decision making on product offerings. This project will provide invoice and revenue for ancillary products such as Seats, UMNR, Baggage, Sky miles etc. This will be calculated based on leg and segment of passenger.

* Involved in discussion with user and understand business requirements.
* Attended the meetings with business integrators to discuss in-depth analysis of design level issues.
* Involved in discussions for data design system study of dimensional modeling.
* Used Informatica to load data in to Teradata EDW from different heterogeneous sources like Oracle, My Sql, Flat File and XML.
* Extensively worked on Teradata utilities BTEQ, Fast Load, Multi Load, Fast Export and TPT.
* Extracted the data from Oracle, Flat Files and XML to Teradata Stage using Informatica and loaded the stage data using BTEQ scripts to EDW.
* Extensively used Power Center to design multiple mappings with embedded business logic.
* Created transformations like Expression, Lookup, Joiner, Rank, Update Strategy and Source Qualifier Transformation using the Informatica designer.
* Created complex mappings using Connected/Un Connected Lookup, Sorter, Aggregator and Router transformations for populating target tables in efficient manner.
* Worked with Variables and Parameters in the mappings.
* Created mapplets and used them in different mappings
* Written PL/SQL Procedures and functions.
* Involved in change data capture (CDC) ETL process.
* Analyzed session log files in session failures to resolve errors in mapping or session configuration.
* Written various UNIX shell Scripts for scheduling various data cleansing scripts, loading process and automating the execution of Informatica objects.
* Worked with Cognos Reporting team for data issues.
* Written Unit test scripts to test the developed interfaces.
* Worked under Agile methodology and used version one to track the tasks.
* Written thorough design docs, unit test documentation, Installation and configuration guide documents
* Supported production environment in rotation basis.

**Client: GE Healthcare. , India Dec 2010 – Oct 2014**

**HCS Finance Simplification:**

The Purpose of this project is to extract data from multiple sources (GLPROD, ProdERP sources), map key measures and dimensions in a consistent fashion and present to leaders in a flexible, simple front end application. This Project will provide one single platform that is Cognos Cube, for the users to analyze 100% of HCS Orders, sales and backlog.

* Analyzed the requirements and framed the business logic for the ETL process
* Involved in JAD sessions for the requirements gathering and understanding the requirements and Model
* Involved in the ETL design and its documentation
* Interpreted logical and physical datamodels for business users to determine common data definitions and establish referential integrity of the system using Visio
* Followed Star Schema to design dimension and fact tables
* Involved in Review sessions for understanding logical and physical model
* Implemented Change Data Capture (CDC) processes for the large tables
* Collect and link metadata from diverse sources, including relational databases and flat files
* Used Informatica Designer to create mappings using different transformations to move data to a Data Warehouse from Oracle, SQL Server & Flat File to DB2.
* Developed mappings in Informatica to load the data from various sources into the Data Warehouse, using different transformations like Source Qualifier, Expression, Lookup, Aggregate, Update Strategy and Joiner
* Extracted DTS (Data Transformation Services) packages from the SQL server 2000/2008
* Identified the transformations used in each DTS packages
* Converted the DTS packages into Informatica mappings and loaded the target into the Oracle database
* Experienced in handling slowly changing dimensions
* Optimized the performance of the mappings by various tests on sources, targets and transformations
* Scheduling the sessions to extract, transform and load data in to warehouse database on Business requirements
* Scheduled the tasks using Autosys
* Loaded the flat files data using Informatica to the staging area
* Created Unixscripts for generic use
* Developed Test cases for Unit Testing of the Mappings, and also was involved in the Integration Testing
* Involved in generated reports using Cognos 8.4.1