**Nikesh Dobbali**

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**ETL-Informatica/Power Center/Data Warehouse/IDQ/MDM**

**Professional Experience :-**

* 7+ years of extensive experience with Informatica Power Center in all phases of Analysis, Design, Development, Implementation and support of Data Warehousing applications using Informatica Power Center 10.x/9.x/8.x/7.x.
* Have clear understanding of Data warehousing concepts with emphasis on ETL and life cycle development including requirement analysis, design, development and implementation.
* Extensive working experience in design and development of data warehouse, marts and ODS.
* Handful working experience in Data warehousing development with data migration, data conversion and extraction/transformation/loading using Informatica Power Center to extract & load data into relational databases like SQL Server, Oracle, Teradata, DB2.
* Good work experience in Informatica Data Integration Tools - Such as Repository Manager, Designer, Workflow Manager, Workflow Monitor and Scheduled workflows using Workflow Manager.
* Experience in Informatica Power Center for Data integration between source & Target which includes development of Joiner, Aggregator, Lookup, Salesforce Lookup, Router and Sorter transformations.
* Extensively worked with informatica mapping variables, mapping parameters and parameter files.
* Experience in several facts of MDM implementations including Data Profiling, Data extraction, Data validation, Data Cleansing, Data Match, Data Load, Data Migration, Trust Score validation.
* Experience in working with business analysts to identify and understand requirements in order to create Technical Design Documents.
* Experience working with Informatica Data Quality (IDQ) for data cleansing, data matching and data conversion.
* Extensively used **ETL** methodology for performing **Data Profiling, Data Migration, Extraction, Transformation and Loading** using Talend and designed data conversions from wide variety of source systems including **Netezza, Oracle, DB2, SQL server, Teradata, Hive, Hana**and non-relational sources like flat files, XML and Mainframe Files.
* Experienced in creating IDQ mappings using Consolidation, Key Generator, Match, Merge, Exceptional, Labeler, Standardizer, Address Validator transformations with Informatica Developer and migrated to Informatica Power Center.
* Extensively worked with Informatica MDM (Master Data Management) in order to manage the high-volume data.
* Excellent Hand full working experience in running projects by using scheduling tools like AutoSys.
* Extensive knowledge in optimizing techniques such as concurrent caching, Auto memory calculations, partitioning and using push down optimization.
* Proficient in the Integration of various data sources with multiple relational databases like Oracle12c /Oracle11g, MS SQL Server, DB2, XML files and Flat Files into the staging area, Data Warehouse and Data Mart.
* Strong experience with star and snow flake schema, dimensional data modelling, facts, dimensional and slowly changing dimensions.
* Expertise in OLTP/OLAP System Study, E-R modeling, developing Database Schemas (Star schema and Snowflake schema) used in relational and dimensional modeling.
* Expertise in implementing Slowly Changing Dimensions (SCD) Type 1 and Type 2 for initial and history load using Informatica.
* Understanding & working knowledge of Informatica CDC (Change Data Capture) Implementation experience of CDC using stored procedures, triggers and using informatica power exchange.
* Experience in debugging mappings, Identified bugs in existing mappings by analyzing the data flow and evaluating transformations.
* Expertise in RDBMS, database Normalization and Denormalization concepts and principles.
* Extensive experience in writing UNIX shell scripts and automation of the ETL processes using UNIX shell scripting.
* Developed shell scripts for invoking Informatica workflows and for running batch process.
* Extensive experience in designing the architecture for extract, transformation, load environment and development of mapping and process using Informatica power center.
* Experienced in Performance Tuning at Mapping, Session and database level, tuning mappings, Pipeline Partitioning to speed up data processing.
* Strong understanding of operational data staging environments, data modeling principles, and data warehousing concepts
* Extensive experience in developing Stored Procedures, Functions, Views and Triggers, Complex SQL queries using SQL Server, TSQL and Oracle PL/SQL.
* Experienced in using different scheduling tools - Control-M, Auto Sys, Maestro/TWS & Cron Job.
* Hands-on experience across all stages of Software Development Life Cycle (SDLC) including business requirement analysis, data mapping, build, unit testing, systems integration and user acceptance testing.
* Excellent analytical skills in understanding client’s organizational structure.
* Excellent problem-solving skills with a strong technical background and result oriented team player with excellent communication and interpersonal skills.

**TECHNICAL SKILLS:**

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| ETL Tools | Informatica Power Center 10.x/9.x/8.x, Informatica Master Data Management (MDM), Data Quality Tool (IDQ), Informatica Cloud. |
| Database | Oracle 12c,Oracle 9i/10g/11g, SQL Server 2014/2008/2005 and Teradata 14.0 |
| Data Modelling Tools | Erwin 4.1, TOAD, MS Visio, SQL \*Loader, Star and Snow Fake Schema. |
| Scheduling Tools | TWS, Auto Sys, Maestro, Cron Tab, Control – M, Informatica Scheduler |
| Languages | SQL, T-SQL ,PL/SQL, C, C++ |
| Scripting Languages | UNIX Shell Scripting, Korn Shell, Bash shell scripting |
| Operating Systems | Windows, MSDOS, Linux, Unix, Sun Solaris |

**PROFESSIONAL EXPERIENCE:**

**M&T Bank, Buffalo, NY Aug’17 – Till Date**

**Sr. ETL Informatica Developer**

**Responsibilities:-**

* Worked on Informatica Power Center tools- Designer, Repository Manager, Workflow Manager, and Workflow Monitor.
* Performed requirement gathering analysis design development testing implementation support and maintenance phases of both MDM and Data Integration Projects.
* Designed and customized data models for Data warehouse supporting data from multiple sources on real time.
* Worked with Power Center Designer tools in developing mappings and Mapplets to extract and load the data from flat files and Oracle database.
* Involved in building the ETL architecture and Source to Target mapping to load data into Data warehouse.
* Utilized Informatica Data Quality (IDQ V10.1) for data profiling and matching/removing duplicate data, fixing the bad data, fixing NULL values.
* Produced data models to meet functional data requirements. Data modeling at the enterprise level through to ETL and application.
* Created mapping documents to outline data flow from sources to targets.
* Involved in Dimensional modeling (Star Schema) of the Data warehouse and used Erwin to design the business process, dimensions and measured facts.
* Using Informatica Power Center Designer analyzed the source data to Extract & Transform from various source systems (SQL server and flat files) by incorporating business requirement rules.
* Extracted the data from the flat files and other RDBMS databases into staging area and populated onto Data warehouse.
* Writing **Netezza SQL** queries to join or any modifications in the table
* Involved in logical and physical data modeling and analyzed and designed the ETL processes.
* Used Informatica as ETL tool, and stored procedures to pull data from source systems/ files, cleanse, transform and load data into the Teradata using Teradata Utilities.
* Performed match/merge and ran match rules to check the effectiveness of IDQ on data and fine-tuned the match rules.
* Developing Informatica Mappings and Workflows to extract data and to load into Teradata staging area using Fast Load/Tpump utilities.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Informatica Designer.
* Created sessions, configured workflows to extract data from various sources, transformed data, and loading into data warehouse.
* Written complex SQL queries in Oracle / SQL server to test data in the data warehouse and to provide expected results to users.
* Involved in writing PL/SQL stored procedures, functions for extracting as well as writing data.
* Expertise in Exporting IDQ mappings into Informatica designer and creating tasks in workflow manager and scheduling the mapping with scheduling tools to run these mappings.
* Extensively used SQL\* loader to load data from flat files to the database tables in Oracle.
* Efficiently worked in all the phases of System development life Cycle (SDLC) using different methodologies like Agile and Waterfall.
* Wrote UNIX shell scripts to schedule Informatica workflows and oracle database scripts to populate data in to data warehouse and database.

**Environment:**  Informatica Power Center 10.2, Informatica IDQ 10.1.1, Informatica MDM, Netezza, Oracle 11g, SQL,PL/SQL, Teradata, UNIX Shell Scripting, Flat Files, Microsoft Office.

**WellCare, Tampa, FL July’16-July’17**

**Sr. ETL Informatica Developer**

**Responsibilities:-**

* Worked with Informatica power center tools like Designer, Workflow Manager, Repository Manager, source analyzer, warehouse designer, mapping & Mapplet designer.
* Worked on all phases of data warehouse development life-cycle, ETL design and implementation, and support of new and existing applications.
* Extensively used ETL processes to load data from flat files into the target database by applying business logic on transformation mapping for inserting and updating records when loaded.
* Defined and developed brand new standard design patterned, ETL frameworks, Data Model standards guidelines and ETL best practices
* Worked with Informatica Data Quality 9.6 (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ 9.6.
* Used Informatica client tools - Source Analyzer, Warehouse designer, Mapping Designer, Mapplet Designer, and Transformation Developer for defining Source & Target definitions and coded the process of data flow from source system to data warehouse.
* Created, executed and managed ETL processes using Oracle Data Integration (ODI)&Customized ODI Knowledge modules like Loading Knowledge Modules and Integrated Knowledge Modules.
* Created queries, procedures and packages in MDM Hub for displaying and updating the data.
* Developed IDQ mappings using various transformations like Labeler, Standardization, Case Converter, Match & Address validation Transformation.
* Worked on improving data warehouse solutions by translating business requirements into robust, scalable, and supportable solutions that work well within the overall system architecture.
* Extracted data from various source systems like Oracle, SQL Server, XML and flat files and loaded into relational data warehouse and flat files.
* Used the Teradata fast load/Multiload utilities to load data into tables.
* Created Match Rule Sets for preventing duplicate data entry into the MDM tables.
* Developed complex queries on Database and developed PL/SQL Procedures to give in nice strategic plans to higher level of management.
* Involved in optimizing the existing data models and load scripts to improve the performance.
* Used IDQ to cleanse and accuracy check the project data, check for duplicate or redundant records.
* Designed and Developing ETL Mappings and Workflows Using with Informatica Power Center.
* Worked on creating Mapping/Session/Workflow Variables and Parameters.
* Extensively used Stored Procedures, Functions and Packages using PL/SQL for creating Stored Procedure Transformations.
* Involved in tuning Teradata BTEQs for recurring production failures.
* Designed IDQ mappings which are used as Mapplets in Power center.
* Imported the IDQ address standardized mappings into Informatica Designer as a Mapplets.
* Involved in Performance tuning at source, target, mappings, sessions, and system levels.
* Responsible for performance tuning at Mapping level, Session level, Source and Target level.

**Environment:** Informatica Power Center 9.6.5, Informatica Data Quality 9.6.1, Teradata, Oracle, SQL, PL/SQL,

Unix, Autosys.

**Coventry Health Care,** **Bethesda, MD Mar’15 – June’16**

**Informatica Developer**

**Responsibilities:-**

* Involved in gathering, analyzing, and documenting business requirements, functional requirement for database changes, ETL, Business Reports.
* Responsible for designing and developing of mappings, Mapplets, sessions and workflows to load data from source to target database using Informatica Power Center.
* Used Informatica to develop ETL program to extract data warehouse File extract to be created will follow the instructions specified in the data mapping and file layout documentation.
* Extracted Data from different source systems like Oracle, MySQL and Flat Files.
* Worked with various transformations in Informatica power centre like Filter, Aggregator, Joiner, Rank, Router, Sorter, Source qualifier, and Update Strategy transformations.
* Extensively worked with Joiner functions like normal join, full outer join, master outer join and detail outer join in the Joiner transformation.
* Created Oracle PL/SQL Cursors, Triggers, Functions and Packages.
* Translated Business Requirements into Informatica mappings to build Data Warehouse by using Informatica Designer, which populated the data into the target Star Schema.
* Involved in executing the ETL Test Jobs from the Informatica power center workflow Manager to verify different test cases and validate the data.
* Work with Data Modelers to perform data analysis, define requirements and data needs.
* Replicated operational tables into staging tables, to transform and load data into the enterprise data warehouse using Informatica.
* Worked with PL/SQL to create complex queries, function, store procedures, trigger etc.
* Used Informatica Power Center Workflow manager to create sessions, batches to run with the logic embedded in the mappings.
* Have written complex SQL queries in the stored procedures for the expected business logic.
* Performed data validation testing writing SQL queries.
* Converted PL/SQL stored Procedures in to Informatica which resulted drastic change with better performance. Extensively worked with SQL Server and Oracle to ensure data accuracy.
* Created (ETL Process) for populating the data into the Data warehouse constantly from different source systems like ODS, flat files
* Developed Slowly Changing Dimension Mappings for Type 1 SCD and Type 2 SCD.
* Responsible for best practices like naming conventions, Performance tuning, and Error Handling
* Responsible for Performance Tuning at the Source level, Target level, Mapping Level and Session Level.
* Involved in various meetings, seminars, presentations and group discussions.

**Environment:** Informatica Power Center 9.1, Oracle 11g, MySQL, SQL, Pl/SQL, TOAD, Erwin, SQL SERVER,

Shell Scripts, Unix, AutoSys, Control –M, Windows.

**Navayuga InfoTech, India July'13 to Dec'14**

**Informatica Developer**

**Responsibilities:-**

* Used Informatica Power Center for (ETL) extraction, transformation and loading data from heterogeneous source systems into target database.
* Created mappings using Designer and extracted data from various sources, transformed data according to the requirement.
* Involved in extracting the data from the Flat Files and Relational databases into staging area.
* Developed Informatica Mappings and Reusable Transformations to facilitate timely Loading of Data of a star schema.
* Developed mappings/Reusable Objects/Transformation/Mapplets by using mapping designer, transformation developer and Mapplet designer in Informatica Power Center.
* Created Sessions and extracted data from various sources, transformed data according to the requirement and loading into data warehouse.
* Wrote Data loading stored procedures, functions using PL/SQL from Source systems into operational data storage.
* Extensively used ETL to load data from Flat files and Oracle.
* Extensively used Informatica Power Center for extracting, transforming and loading into different databases.
* Developed the Informatica Mappings by usage of Aggregator, SQL overrides usage in Lookups, source filter usage in Source qualifiers, and data flow management into multiple targets using Router.
* Prepared reusable transformations to load data from operational data source to Data Warehouse.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Router and Aggregator to create robust mappings in the Informatica Power Center Designer.
* Involved in Unit Testing and Resolution of various Bottlenecks came across.

**Environment:** Informatica Power Center 8.1, SQL, PL/SQL, UNIX, Shell Scripting, SQL Server 2008,Oracle 11g,

DB2, Control-M, AutoSys.

**Sparsh Communications, India Jan’12 to June’13**

**Informatica Developer**

**Responsibilities:-**

* Worked extensively with various Passive transformations in Informatica Power Center like Expression Transformation, Sequence Generator, and Lookup Transformation.
* Involved in design, development and maintenance of database for Data warehouse project.
* Involved in Business Users Meetings to understand their requirements.
* Designed, Developed and Supported Extraction, Transformation and Load Process (ETL) for data migration with Informatica 7.X.
* Involved in enhancements and maintenance activities of the data warehouse.
* Developed various mappings using Mapping Designer and worked with Aggregator, Lookup, Filter, Router, Joiner, Source Qualifier, Expression, Stored Procedure, Sorter and Sequence Generator transformations.
* Created complex mappings which involved Slowly Changing Dimensions, implementation of Business Logic and capturing the deleted records in the source systems.
* Created stored procedures, Functions and Packages in Oracle, used PL/SQL and SQL.
* Monitored Workflows and Sessions using Workflow Monitor.
* Performed Unit testing, Integration testing and System testing of Informatica mappings.
* Coded Unix Scripts to capture data from different relational systems to flat files to use them as source file for ETL process

**Environment:** Informatica Power Center 7, Oracle 11g,SQL, UNIX, Control-M.

**Education Details:** Bachelors in Computers Science from JNTU.