**Moiz**

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**BACKGROUND SUMMARY**:

* 8 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.
* Experience on Teradata tools and utilities (BTEQ, Fast load, Multi Load, Fast Export, and TPUMP).
* Extensively worked with informatica mapping variables, mapping parameters and parameter files.
* Experience in working with business analysts to identify and understand requirements in order to create Technical Design Documents.
* 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.
* 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.
* Extensive experience in formulating error handling mechanism.
* 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:**

**Independent Health - Buffalo, NY Jan’18-Till Date**

**Sr. Informatica Developer**

**Responsibilities:**

* Created the technical documentation of the architecture of the data warehouse, including the physical components and their functionality following the client standards.
* Extensively used ETL to load data using Power Center from source systems like Flat Files into staging tables and load the data into the target database Oracle and Analyzed the existing systems and made a Feasibility Study.
* Translated the business processes into Informatica mappings.
* Successfully managed and implemented various ETL projects using Informatica Power Center that loaded data from DB2, flat files and other data sources to Oracle and other targets used for reporting
* Collaborate with Functional analysts for requirements gathering, analysis of functional requirements to help in designing the data warehouse.
* Used Informatica as ETL tool to pull data from source systems/ files, cleanse, transform and load data into the Teradata using Teradata Utilities.
* Performed tuning and optimization of complex SQL queries using Teradata Explain.
* Maintained Development, Test, Pre-production and supported Production Environments.
* Parsed high-level design specification to simple ETL coding and mapping standards.
* Extracted Data from different flat files, MS Excel, MS Access and transformed the data based on user requirement using informatica Power Center and loaded data into target, by scheduling the sessions.
* Created tables, views in Teradata, according to the requirements.
* Built Interfaces and automated with Informatica ETL tool and Unix Shell Scripting.
* Created technical design documents for the developed informatica coding.
* Designed ETL processes and develop source-to-target data mappings, integration workflows and load processes.
* Designed database table structures for transactional and reference data sources.
* Loaded data in to the Teradata tables using Teradata Utilities BTEQ, Fast Load, Multiload, and Fast Export and TPT.
* Maintained stored definitions, transformation rules and targets definitions using Informatica repository Manager.
* Used many transformations like Sorter, Joiner, Lookup, Filter, Aggregator, Rank, etc...
* Trouble shooting the Informatica Mappings and applying hot fixes with all the required approvals.
* Developed and maintained documentation to client standards / provide feedback on standards where they can be improved.
* Extensively worked in the performance tuning of Teradata SQL, ETL and other processes to optimize session performance.
* Designed and customized data models for Data warehouse supporting data from multiple sources on real time
* Developed internal and external Interfaces to send the data in regular intervals to Data warehouse systems.
* Helped in establishing ETL procedures and standards for the objects improving performance enhancements and migrated the objects from Development, QA, and Stage to Prod environment.
* Wrote, tested and implemented Teradata Fastload, Multiload and Bteq scripts, DML and DDL.
* Created and monitored sessions using Informatica Workflow manager and workflow monitor.
* Played a key role in designing the application and migrate the existing data from relational sources to corporate warehouse effectively by using Informatica Power center.
* Writing Complex SQL Queries and PL/SQL Procedures to Extract Data from various source Tables of Data Warehouse
* Written SQL scripts to test the mappings and Developed Traceability Matrix of Business Requirements mapped to Test Scripts to ensure any Change Control in requirements leads to test case update.
* Worked with Business users to fix defects and implemented the best practices for conducting unit testing and integration testing and documenting the test results for user acceptance.

**Environment:** Informatica Power Center 10.1, Teradata R12/R13, Teradata SQL Assistant, SQL, MLOAD, TPUMP, FAST LOAD, FAST EXPORT, TDWM, PMON, DBQL, SQL Assistant, MYSQL, Oracle, Unix, oracle 11/g, XML files, DB2, MS SQL Server 2014, AutoSys, UNIX.

**Credit Suisse, Princeton, NJ June’16-Dec’17**

**Sr. Informatica Developer**

**Responsibilities:**

* Interacted with business users and business analyst to understand reporting requirements and understanding the mapping documentation.
* Gather requirements, analyze, design, and implement data warehouse solution to meet the business and project's requirements.
* Prepared technical specifications for the development of Informatica (ETL) mappings to load data into various target tables and defining ETL standards.
* Responsible for Developing, support and maintenance for the ETL (Extract, Transform and load) processes Using Oracle and Informatica Power Center.
* Wrote Teradata Macros and used various Teradata analytic functions.
* Used Informatica to develop objects for extracting, cleaning, transforming and loading data into data warehouse.
* Perform System Analysis and Requirement Analysis, design and write technical documents and test plans.
* Worked with Management for creating the requirements and estimates on the Project.
* Assisted Business Analyst with drafting the requirements, implementing design and development of various components of ETL for various applications.
* Involved in migration projects to migrate data from data warehouses on Oracle/DB2 and migrated those to Teradata.
* Analyze data from source systems and implement the transformations to build Data warehouse and Data marts using various ETL tools.
* Planning and Requirement analysis for large scale Centralized Wealth Data Warehouse.
* Developed numerous mappings using the various transformations including Address Validator, Association, Case Converter, Classifier, Comparison, Consolidation, Match, Merge, Parser.
* Created Complex ETL Mappings to load data using transformations like Source Qualifier, Sorter, Aggregator, Expression, Joiner, Dynamic Lookup, and Connected and unconnected lookups, Filters, Sequence, Router and Update Strategy.
* Used BTEQ and SQL Assistant (Query man) front-end tools to issue SQL commands matching the business requirements to Teradata RDBMS.
* Identified the bottlenecks in the sources, targets, mappings, sessions and resolved the problems.
* Implemented Slowly Changing Dimensions both SCD Type 1 & SCD Type 2.
* Developed Test Scripts, Test Cases, and SQL QA Scripts to perform Unit Testing, System Testing.
* Communicate with business users to understand their problem if required and send workaround to solve the issue and find the root cause and advice if required any enhancement.
* Responsible for tuning of ETL processes.
* Developing Informatica Mappings and Workflows to extract data and to load into Teradata staging area using Fast Load/Tpump utilities.
* Performed data analysis and data profiling using complex SQL on various sources systems including Oracle.
* Developed various Informatica Workflows to load the data from various upstream systems using different methodologies i.e. trigger based pull, direct pull & file based push.
* Review performance of various components in the Data Warehouse, and improve performance of ETL Components.
* Published the records to downstream applications with help of ETL power center with the help of message queue.
* Design and develop mappings, sessions and workflow as per the requirement and standards.
* Created various AutoSys jobs for the scheduling of the underlying ETL flows.
* Used Informatica debugger in finding out bugs in existing mappings by analyzing data flow and evaluating transformations and done unit testing for the individual developed mappings.
* Implemented B2B Informatica parsers to convert PDF documents to XMLs through Informatica.
* Translated the PL/SQL logic into Informatica mappings including Database packages, stored procedures and views.
* Responsible for making changes in the existing configuration wherever required, making customizations according to the business requirements, testing and successfully moving the changes into production.

**Environment:** Informatica 9.6.1, Oracle 11g, PL/SQL, XML files, DB2,MS-Excel, MS-Access.

**BNP Paribas, Jersey City, NJ** **Nov'14-May'16**

**Informatica Consultant**

**Responsibilities:**

* Created mappings and sessions to implement technical enhancements for data warehouse by extracting data from sources like Oracle.
* Worked on Informatica Power Center 9.1 tool - Source Analyzer, Data Warehousing designer, Mapping &Mapplet Designer and Transformation Designer.
* Worked on improving data warehouse solutions by translating business requirements into robust, scalable, and supportable solutions that work well within the overall system architecture.
* Applied slowly changing dimensions like Type 1 and 2 effectively to handle the delta Loads.
* Prepared various mappings to load the data into different stages like Landing, Staging and Target tables.
* Used various transformations like Source Qualifier, Expression, Aggregator, Joiner, Filter, Lookup, Update Strategy Designing and optimizing the Mapping.
* Used Informatica as ETL tool to pull data from source systems/ files, cleanse, transform and load data into the Teradata using Teradata Utilities.
* Involved in Gathering requirements, Performing source system analysis and development of ETL jobs to migrate data from the Source to the Target Data Warehouse.
* Created and Imported/Exported various Sources, Targets, and Transformations using Informatica Power Center Designer.
* Developed Workflows using task developer, worklet designer, and workflow designer in Workflow manager and monitored the results using workflow monitor.
* Worked on Teradata SQL Assistant, Teradata administrator, Teradata view point and BTEQ scripts.
* Improved performance using Oracle Partitions, Indexes and other Performance Tuning techniques.
* Created various tasks like Session, Command, Timer and Event wait.
* Modified several of the existing mappings based on the user requirements and maintained existing mappings, sessions and workflows.
* Implemented complex business rules in Informatica Power Center by creating re-usable transformations, and robust Mapplets.
* Tuned the performance of mappings by following Informatica best practices and also applied several methods to get best performance by decreasing the run time of workflows.
* Worked on TOAD and Oracle SQL Developer to develop queries and create procedures and packages in Oracle.
* Worked extensively on PL/SQL as part of the process to develop several scripts to handle different scenarios.
* Created Test cases for the mappings developed and then created integration Testing Document.
* Involved in Dimensional modeling (Star Schema) of the Data warehouse and used Erwin to design the business process, dimensions and measured facts.
* Prepared the error handling document to maintain the error handling process.
* Automated the Informatica jobs using UNIX shell scripting.
* Designed tables required for the execution of the ETL processes using Erwin.
* Closely worked with the reporting team to ensure that correct data is presented in the reports.
* Interaction with the offshore team on a daily basis on the development activities.
* Multicast, Merge Join, Lookup, Fuzzy Lookup, Conditional Split, Aggregate, Derived Column, and Data Conversion Transformations.

**Environment:** Informatica Power Center, Oracle 10g, SQL Server, PL/SQL, Erwin, UNIX, Tidal, Autosys, TOAD.

**Deem Software Ltd, India Jan'13-Aug'14**

**ETL Developer**

**Responsibilities**:

* Development, Testing, Implementation & Training of users.
* Prepared ETL Specifications and design documents to help develop mappings.
* Created mappings for Historical and Incremental Loads.
* Developed mappings/sessions using Informatica Power Center for initial loading and incremental loading.
* Tuned Source, Target, Mappings, Transformations and Sessions for better performance.
* Supporting daily loads and work with business users to handle rejected data.
* Prepared and maintained mapping specification documentation.
* Use Debugger to test the mapping and fixed the bugs.
* Used Mapping Variables and Mapping Parameters to fulfill the business requirements.
* Implemented Type I and Type II slowly changing Dimension to maintain all historical information in Dimension Tables.
* Involved to prepare technical and functional specification.
* Performance analysis and tuning of SQL statements of projects.
* Imported data from different sources to Oracle tables using Oracle SQL\*Loader
* Wrote Oracle PL/SQL, stored procedures and triggers to populate data.
* Involved in writing complex SQL statements for reports.
* Worked closely with client to research and resolve user testing issues and bugs.

**Environment:** Informatica Power Center, ETL, UNIX, PL/SQL, TOAD, Oracle 8i, SQL, SQL\*Loader

**Pramati Technologies, Hyderabad, India Mar’11-Dec’12**

**Informatica developer**

**Responsibilities:**

* Providing technical solutions to different problems of clients by taking help of different tools.
* Based on the business requirements created Functional design documents and Technical design specification documents for ETL Process.
* Worked with Power Center Designer tools in developing mappings and Mapplets to extract and load the data from flat files, Oracle into Oracle database.
* Developing code to extract, transform, and load (ETL) data from inbound flat files and various databases into various outbound files using complex business logic.
* Used Informatica Power Center Workflow manager to create sessions, batches to run the mappings.
* Experience in administrating the created reports and assigning permission to the valid users for executing the reports.
* Ensure that the call comments are properly arranged and suitable information is provided to clients.
* Ensured that the existing data warehouses, reporting systems and various tools were adequately supported
* The standard of each call should be properly maintained in a comprehensive manner taking into view each aspect of attending the customer, listening to their problems and offer appropriate solutions to them.
* Responsible for tuning ETL procedures to optimize load and query Performance
* Technical support and responsible for working with computer hardware and software for resolving the troubles that may arise within an organization.

**Environment:** Informatica 8.1, Oracle 10g, SQL Server 2005, Windows XP/7, MS Office (Word, Excel, PowerPoint).