**Sr. Informatica Developer**

**Professional Summary:**

* Over 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 9.x/8.x/7.x**, **IDQ**, **Informatica ETL Developer** etc.,
* **Databases**: 6 years of experience using **Oracle, DB2, MS SQL Server, Teradata, Teradata SQL Assistant, MYSQL.**
* **SDLC:** Have good experience in a Full life cycle of **Software Development (SDLC)** including Business Requirements Gathering & Analysis, System Study, Application Design, Development, Testing, Implementation, System Maintenance and Documentation.
* Experience in working with **ORACLE 11g/10g**, **PL/SQL** and tuning.
* Worked and have good knowledge in **Agile** and **Waterfall** mode of Software Development methodology.
* Have worked in Financial and Investments areas and so have good ability to handle huge and confidential data.
* Experience with **Teradata 15/14/13** utilities like **Fast Load** and **Multi Load** and **Tpump** and Teradata Parallel transporter and highly experienced in **Teradata SQL** Programming. Expert in **performance tuning** and dealing with huge volume of data.
* Experienced in writing **SQL, PL/SQL** programming, **Stored Procedures**, **Package**, **Functions**, **Triggers**, **Views**, **Materialized Views**.
* Experience writing daily batch jobs using **UNIX shell scripts**, and developing complex UNIX Shell Scripts for automation of **ETL**.
* Proficient in implementing complex business rules through different kinds of **Informatica transformations**, **Workflows/Worklets** and **Mappings/Mapplets**.
* Strong knowledge in **RDBMS** concepts, **Data Modeling** (**Facts** and **Dimensions**, **Star/Snow Flake** Schemas), **Data Migration**, **Data Cleansing** and **ETL** Processes.
* Hands on experience in tuning mappings, identifying and resolving **performance bottlenecks** in various levels like **sources**, **targets**, **mappings**, and **sessions**.
* Experience in Data warehousing, Data Modeling like **Dimensional Data Modeling**, **Star Schema Modeling**, **Snow-Flake Modeling**, **Data Vault Modeling**, FACT and Dimensions Tables.
* Working in **Agile** space gave an advantage learning different kinds of Test strategies like **Functional**, **Regression** and **Integration testing**.
* Have experience working **Onsite** and **Offshore** which gained excellent communication and instant problem-solving skills.
* Advanced Knowledge of **Oracle PL/SQL** programming**, stored procedures & functions, indexes, views, materialized views, triggers, cursors and tuning** the SQL query.
* Extensively worked on transformations such as **Source Qualifier**, **Joiner**, **Filter**, **Router,** **Expression**, **Lookup**, **Aggregator**, **Sorter**, **Normalizer,** **Update Strategy**, **Sequence Generator** and **Stored Procedure** transformations.
* Hands on experience identifying and resolving performance bottlenecks in various levels like sources, using **Extract Transform and Load (ETL)** and strong understanding of **OLTP, OLAP** concepts.
* Created sessions, configured workflows to extract data from various sources, transformed data, and loading into **data warehouse.**
* Hands on experience in resolving the **production issues in 24/7** environment.
* Excellent problem solving, analytical, technical, interpersonal and communication skills with strong leadership abilities, motivated and adaptive with the ability to grasp things quickly. Extremely diligent strong team player with an ability to take new roles.

**Technical Skills:**

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| **ETL Tools:** | Informatica Power Center 10.1/9.6/9.5/8.6/8.1/7.1, Metadata Manager, IDQ, DataStage. |
| **Reporting Tools:** | Business Objects XIR2/6.1/5.0, Qlikview, OBIEE , Oracle Analytics, etc. |
| **Databases:** | Oracle 12C/11g/10g, MS SQL Server 2008/2005/2000, MS Access, IBM, DB2, Teradata 14.0, Netezaa. |
| **Data Modeling:** | Data Modeling, Dimensional Data Modeling, Star Schema Modeling, Snow Flake Modeling, FACT and Dimensions Tables, Physical and Logical Data Modeling. |
| **DB Tools:** | TOAD, SQL Developer, SQL Assistant, Visio, ERWIN, Tivoli Job Scheduler, Control-M, Tidal. |
| **Languages:** | C, C++, Java, SQL, PL/SQL, Unix Shell Scripting |
| **Operating Systems:** | UNIX, Windows 7/Vista/Server 2003/XP/2000/9x/NT/DOS |

**Professional Experience:**

**American Airlines- Fort Worth, TX.**

**Informatica Developer Nov’16 – Present**

**Responsibilities:**

* Involved in gathering and analysis business requirement and writing requirement specification documents and identified data sources and targets.
* Translated Business Requirements into **Informatica** mappings to build **Data Warehouse** by using **Informatica Designer**, which populated the data into the target **Star Schema**.
* 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**. Performed extraction, transformation and loading of data from RDBMS tables and Flat File sources into Oracle RDBMS in accordance with requirements and specifications.
* Worked on **Agile Methodology**, participated in daily/weekly team meetings, guided two groups of seven developers in **Informatica Power Center/Data Quality (IDQ**) and proposed **ETL** strategies based on requirements.
* Performed thorough **data profiling** to understand the quality of source data and to find data issues using **IDQ**.
* Involved in massive data profiling using **IDQ**prior to data staging.
* Created Design Specification Documents including **source** to **target** mappings.
* Responsible for performance tuning **ETL** process to optimize load and query Performance
* Extensively involved in coding of the Business Rules through **PL/SQL** using the Functions, Cursors and Stored Procedures.
* Developed stored procedures, functions and database triggers using **PL/SQL** according to specific business logic.
* Extensively used various transformations **Lookup, Update Strategy, Expression, Aggregator, Filter, Stored Procedures and Joiner** etc.
* Written **Pre** and **Post Session** **SQL** commands (DDL & DML) to drop and recreate the indexes on data warehouse.
* Developed process for **Teradata** using **Shell Scripting** and **RDBMS** utilities such as **MLoad**, **Fast Load** (Teradata).
* Extensively used **pmcmd** commands on command prompt and executed UNIX Shell scripts to automate workflows and to populate parameter files.
* Partially involved in writing the **UNIX Shell Scripts**, which triggers the workflows to run in a particular order as a part of the daily loading into the Warehouse
* Used **Informatica Data Quality (IDQ)** for **data quality,** **integration** and **profiling**.
* Extracted data from various source systems like **Oracle**, **SQL Server**, **XML** and **flat files** and loaded into relational **data warehouse** and flat files
* Involved writing **BTEQ scripts** for validation & testing of the sessions, data integrity between source and target databases and for report generation.
* Migrated the codes from **Dev** to **Test** to **Prod** environment. Wrote down the techno-functional documentations along with different test cases to smooth transfer of project and to maintain **SDLC**.
* Identified the bottlenecks and improved overall performance of the sessions
* Created Dimensions and Fact tables for the data mart and also implemented **SCD (Slowly Changing Dimensions)** Type I and II for data load.
* Experience in Scheduling Informatica sessions for automation of loads in **Autosys**.
* Provided **production support** by monitoring the processes running daily

**Environment:** Informatica Power Center 10.x/9.x, IDQ, Erwin, Oracle 11g/10g, PL/SQL, SQL\*Loader, TOAD, MS SQL Server 2005/2008, Autosys.

**CVS Health-Richardson, TX Aug’15 – Oct’16**

**Informatica ETL Developer**

**Responsibilities:**

* Designing the source to target mappings that contain the Business rules and data cleansing during the extract, transform and load process.
* Extracted data from different source systems such as Oracle, SQL Server, MS Access, DB2, Mainframes, XML and Flat Files.
* Worked on several transformations such as **Filter Transformation, Joiner Transformation, Sequence Generator Transformation, Aggregator Transformation, Source Qualifier Transformation, Expression Transformation, Lookup Transformation (Connected and Unconnected), Joiner Transformation, and Router Transformation, Web services Transformation, XML transformation and Normalizer Transformation** in Informatica.
* Developed **Informatica** mappings with **Pushdown Optimization (PDO)** to load data from Staging to the EDW layer.
* Used **Informatica IDQ** to do **data profiling** of the source and check for the accuracy of data using dashboard.
* Expert in writing **SQL**, **PL/SQL** Stored procedures using **Toad**. Experience with **Teradata** utilities **Fast Load,** **MultiLoad**, **BTEQ scripting**, **fast Export,** **SQL Assistant**, **TPUMP.**
* Built the **Logical Data Objects (LDO)** and developed various mapping, mapplets/rules using the **Informatica Data Quality (IDQ)** based on requirements to profile, validate and cleanse the Data.
* Identified and eliminated duplicate datasets and performed **Columns,** **Primary Key**, **Foreign Key** profiling using **IDQ**.
* Responsible for Code Migration, Code Review, Test Plans, Test Scenarios, Test Cases as part of Unit/Integrations testing, **UAT** testing.
* Used Informatica power center to load data from different sources like **flat files** and **Oracle**, **Teradata** into the **Oracle Data Warehouse**.
* Extensive Data modeling experience using **Dimensional Data modeling,** **Star Schema modeling**, **Snowflake modeling**, and **FACT** and **Dimensions tables**.
* Involved in writing **shell scripts** for file transfers, file renaming and several other database scripts to be executed from **UNIX.**
* Extensively used **SQL** and **PL/SQL Scripts.**
* Used Deployment group to move Informatica objects from **DEV to TEST** and from **TEST to QA/PROD.**
* Provided required support in Multiple (**SIT, UAT, PROD**) environments of the project.

**Environment:** Informatica Power Center 9.5/9.1 (Repository Manager, Designer, Workflow Manager, Workflow Monitor), Informatica IDQ, SQL Query Analyzer 8.0, Oracle 10g/11g, SQL Developer, Data Loader, SQL Server, BI Publisher, Erwin, Teradata, Unix Shell Scripting, putty, Linux, Tidal(Schedular Tool).

**Change Healthcare - Memphis, TN Jan’14 – Jul’15**

**Informatica ETL/IDQ Developer**

**Responsibilities:**

* Participated in user meetings, gathered Business requirements & specifications for the Data-warehouse design. Translated the user inputs into **ETL** design docs.
* Involved in the creation of Informatica mappings to extracting data from Flat Files to load in to Stage area.
* Designed and Created validation and External loading scripts like **MLOAD** and **FLOAD** for Teradata warehouse using Informatica **ETL** tool.
* Involved in error handling, **performance tuning** of mappings, Testing of Informatica Sessions, and the Target Data.
* Built the **Logical Data Objects (LDO)** and developed various mapping, mapplets/rules using the **Informatica Data Quality (IDQ)** based on requirements to profile, validate and cleanse the Data.
* Used all Transformations such as Expressions, Filters, Joiners, aggregators, Lookups, Update strategy, Sequence Generator and Routers to load consistent data.
* Used Informatica Workflow Manager to create Workflows, database connections, sessions, and batches to run the mappings.
* Experienced in loading data into Data Warehouse/Data Marts using Informatica, Teradata Multiload, Fast load and BTEQ utilities.
* Identified and eliminated duplicate datasets and performed Columns, **Primary Key**, **Foreign Key profiling** using **IDQ**.
* Setting up sessions to schedule the loads at required frequency using Power Center Workflow manager, PMCMD.
* Design, Develop, Test and Implement the jobs that extract, transform and load data into the Enterprise data warehouse.
* Used **IDQ** to do **data profiling** of the master data. Used Informatica Analyst to get an overview of the accuracy of the data and percentage populated.
* Expertise in Exception Handling Mappings using TOAD and PL/SQL for Data quality and Data validation.
* Knowledge in developing **Stored Procedures**, **Functions**, **Views** and **Triggers,** **complex SQL queries** using **Oracle PL/SQL**, **SQL Server** and **TSQL**.
* Expert in identifying and resolving the performance bottlenecks in sources, Targets, Mappings and Sessions.
* Worked on Dimensional modeling to design and develop **STAR Schemas**, Identify Fact and dimensional tables, and also used **ERWIN**.
* Involved in Performance Tuning of **ETL** process at Source level, Target level, Mapping level and Session level.
* Created several Procedures, Functions, Triggers and Packages to implement the functionality in **PL/SQL**.
* Performed Unit Testing and Involved in tuning the Session and Workflows for better Performance.

**Environment:** Informatica Power Center 9.x/8.x, Oracle 11g/10g, ERWIN 4.0, PL/SQL developer, XML, UNIX, Windows, Teradata, Linux, Tivoli(Schedular Tool).

**EQ Financial Inc. - Palm Coast, FL Aug’11 – Dec’13**

**ETL Informatica Developer**

**Responsibilities:**

* Used Informatica Power Center for Extraction, Loading and Transformation (**ETL**) of data in the data warehouse.
* Understand the project requirements given by the Client, Co-ordinate with offshore team to translate technical specs to Informatica with Business rules.
* Worked on **Informatica Designer**, **Repository Manager,** **Workflow Manager,** **Workflow Monitor,** and **Repository Server** Administration Console.
* Extensively used Informatica Transformation like **Source Qualifier, Rank, SQL, Router, Filter, Lookup, Joiner, Aggregator, Normalizer, Sorter** etc. and all transformation properties.
* Used **Informatica Power Center** Workflow manager to create sessions, batches to run with the logic embedded in the mappings.
* Created various **UNIX Shell Scripts** for scheduling various data cleansing scripts and loading process.
* **Performance tuning** of the**Informatica**mappings using various components like **Parameter files, Variables** and **Dynamic Cache**.
* Extensively worked with Teradata database using **BTEQ scripts.**
* Used **Informatica Power Center** for migrating data from various **OLTP** databases to the data mart
* Worked on identifying Mapping Bottlenecks in Source, Target and Mappings to Improve performance
* Designed and developed **Oracle PL/SQL** scripts for Data Import/Export
* Created complex **Informatica** mappings to load the data mart and monitored them. The mappings involved extensive use of transformations like Aggregator, Filter, Router, Expression, Joiner, Sequence generator.
* Involved in writing **SQL Stored procedures**.
* Developed **SQL**, **PL/SQL**, **stored procedures,** **triggers**, **cursors** for implementing business rules and transformations.
* Worked with SQL Stored Procedures, Table Partitions and experienced in loading data into Data Warehouse/Data Marts using Informatica.
* Extracted data from different sources like **Oracle, flat files**, **XML** and **SQL Server** loaded into **Data Warehouse.**
* Worked extensively with different caches such as **Index cache**, **Data cache** and **Lookup cache** (**Static, Dynamic, Persistence and Shared**).
* Involved in writing **UNIX scripts** and used them to automate the scheduling process
* Performance analysis/tuning across various source/target platforms like **SQL Server,** **ETL Informatica**process tuning and system tuning as well.

**Environment:** Informatica Power Center 8.x, Oracle, PL/SQL, Toad, Control-M, SQL Server, Teradata, Unix, Linux.

**General Motors - Detroit, MI Nov’10 – Jul’11**

**Informatica Developer**

**Responsibilities:**

* Worked closely with the Business analyst to understand the various source data
* Extensively used **XML files** as source and designed and developed complex**Informatica**mappings using expressions, aggregators, filters, lookup and stored procedures to ensure movement of the data between various applications.
* Worked with different sources like **Oracle, flat files, XML files, DB2, MS SQL Server**. Extracted data from sources like **fixed width** and **Delimited Flat files** transformed the data according the business requirement and then loaded into Target Data mart.
* Used **TOAD** and **SQL Plus** to write queries and interact with **Oracle database**.
* Involved in writing **UNIX scripts** and used them to automate the scheduling process.
* Worked on **Informatica Power Center Designer** - **Source analyzer, Warehouse Designer, Mapping Designer and Transformation** developer
* Identifying the bottlenecks of **Informatica**mappings.
* Extensively used **Rank, Lookup, Aggregator, Sorter, filter, Update Strategy** transformations and created Mapplets.
* Created transformations like **Expression, Lookup, Joiner, Rank, Update Strategy and Source Qualifier** Transformation using the Informatica designer.
* Developed mapping parameters and variables to support **SQL** override.
* Have Experience on **Teradata** Utility scripts like **BTEQ**, **Fast Load,** **MultiLoad** and Fast Export to load data from various source systems to Teradata.

**Environment:** Informatica Power Center, Windows NT, Oracle, SQL, PL/SQL, TOAD, LINUX, UNIX, Teradata.