**Rohit**

**ETL Informatica Developer**

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**PROFESSIONAL SUMMARY:**

* 7 + years of work experience in Information Technology as Informatica Developer with strong background in ETL Data warehousing, ETL Design, Databases and Master Data Management using **Informatica Power Center 10.1/9. x.**
* Excellent knowledge on Business Analysis, Data Analysis, requirement gathering and creating Business Requirement Documents and Technical Specification Documents.
* Strong experience in **Extraction, Transformation, Loading**(ETL) data from various sources into Data Warehouses and Data Marts using Informatica PowerCenter - **Repository Manager, Designer, Workflow Manager, Workflow Monitor.**
* Extensively worked on Informatica Designer Components **- Source Analyzer, Target Designer, Transformations Developer, Mapplet and Mapping Designer.**
* Hands-on experience on using various transformations such as **Expression, Filter, Router, Sorter, Union, Update Strategy, Aggregator, Sequence Generator, Joiner, Connected and Unconnected Lookup** and so on. Experience in creating **High Level Design and Detailed Design** in the Design phase.
* Expertise in creating very detailed design documents and performing **Proof of Concepts (POC).**
* Expertise in Business Model development with **Dimensions, Hierarchies, Measures, Partitioning, Aggregation Rules, Time Series, Cache Management**.
* Configuring and maintaining various components of the MDM Hub including the schema, staging and landing tables, configuring base objects, look ups, Hierarchies, display queries, put queries and query groups.
* Expertise in installing, managing, and configuring Informatica MDM Hub Server, Informatica MDMCleanse Server, Hub Resource Kit, ACTIVE VOS Console and IDD.
* Extensively worked on the **ETL mappings, analysis and documentation of OLAP reports** requirements. Solid understanding of OLAP concepts and challenges, especially with large data sets.
* Extensively created **mapplets, common functions, reusable transformations, for better usability**.
* Well versed in **OLTP Data Modeling, Data warehousing concepts.**
* Strong knowledge of **Entity-Relationship concept, Facts and dimensions tables, slowly changing dimensions** and **Dimensional Modeling (Star Schema and Snow Flake Schema).** **Experienced in UNIX work environment, file transfers, job scheduling and error handling.**
* Exposure to **Informatica B2B Data Transformation** that supports transformation of structured, unstructured, and semi-structured data types while complying with the multiple standards, which govern the data, formats.
* Worked on Performance Tuning, identifying and resolving performance bottlenecks in various levels like **sources, targets, mappings** and **sessions.**
* Experience in creating **Reusable Tasks** (Sessions, Command, Email) and **Non-Reusable Tasks** (Decision, Event Wait, Event Raise, Timer, Assignment, Worklet, Control).
* Experience in writing, testing and implementation of the **PL/SQL triggers, stored procedures, functions, packages.**
* Involved in Unit testing, System testing to check whether the data loads into target are accurate.
* Excellent interpersonal and **communication skills**, and is experienced in working with senior level managers, business people and developers across multiple disciplines.

**TECHNICAL SKILLS:**

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| **ETL Tools** | Informatica Power Center 10.1/9.6.1 Informatica Power Exchange 9.5.1 DataStage v11.3 |
| **Databases** | Oracle 11g, SQL Server 2008, Teradata, DB2. |
| **Languages** | SQL, T-SQL, PL/SQL, UNIX Shell Scripting. |
| **Operating Systems** | UNIX, Windows XP/10, Linux, HP-UNIX, |
| **Business Intelligence Tools** | COGNOS, Business Objects (BO). |
| **DB Tools** | TOAD, SQL \* Plus, DB visualizer. |
| **Web Technologies** | HTML, XML, Java Script. |
| **Data Modeling Tools** | Erwin, Embarcadero Studio, Visio. |
| **Other Tools** | WIN SCP, PUTTY, MS-Office, Autosys. |

**EDUCATION:**

* **Master’s degree in Pittsburg State University, KS**
* **Bachelor’s degree in JNTUH, India**

**PROFESSIONAL EXPERIENCE**

**CITI BANK - Irving, TX JUN’17- CURRENT**

**Role: Informatica Developer**

**Roles and Responsibilities:**

* Design and developed end-to-end ETL process from various source systems to Staging area, from staging to Data Marts.
* Developed high level and detailed level technical and functional documents consisting of Detailed Design Documentation function test specification with use cases and unit test documents.
* Worked on **Teradata SQL Assistant, Teradata administrator, Teradata view point and BTEQ scripts. Created User exit features extending the functionality and features of MDM HUB.**
* As an ETL SME involved in preparation of the ETL specification document by working closely with the business team
* Provided Guidance in Performance tuning of Informatica mappings and **DB2 SQL.**
* Prepared the Code Review Checklist, Standards document and Reusable components to be used across multiple projects.
* Used Teradata **SQL Assistant, Teradata Administrator, PMON and data load/export** utilities like **BTEQ, Fast Load, Multi Load, Fast Export, Tpump, TPT on UNIX/Windows environments and running the batch process for Teradata.**
* Involved in **Performance Tuning** (Both Database and Informatica) and there by decreased the load time.
* Involved in Database migrations from legacy systems, SQL server to Oracle and Netezza.
* Developed mappings/sessions using Informatica Power Center 9.6.1 for data loading.
* Implemented Session Partitioning and used Debugger to analyse the mappings and improve performance.
* Responsible for creating the Product data model in Erwin and importing into Informatica MDM HUB Console.
* Worked with business SMEs on developing the business rules for cleansing. Applied business rules using **Informatica Data Quality (IDQ)** tool to cleanse data.
* Used the **Teradata fast load/Multiload** utilities to load data into tables.
* Presented Data Cleansing Results and IDQ plans results to the OpCos SMEs.
* Worked with Informatica and other consultants to develop IDQ plans to identify possible data issues.
* Extensively worked on developing Informatica **Mappings, Mapplets, Sessions, Workflows and Worklets** for data loads from various sources such as **TeraData**, **Oracle, ASCII delimited Flat Files, EBCDIC files, COBOL & DB2**.
* Documented Cleansing Rules discovered from data cleansing and profiling.
* Implemented optimization technique like PUSH DOWN optimization from Informatica.
* Involved in Design review, code review, Performance analysis.
* Updated the schedule of the jobs to maintain business functionality in AUTOSYS.
* Created SQL for data migrations and handled Re-Org of DB2 tables.
* Analysed the data and provide resolution by writing analytical/complex SQL in case of data discrepancies.
* Created Informatica Mappings to load data and used transformations like Stored procedure transformation, **Connected and Unconnected lookups, Source Qualifier, Expression, Sorter, Aggregator, Joiner, Filters, Sequence, Router and Update Strategy and XML transformation.**
* Cleansed the source data, extracted and transformed data with business rules, and built reusable mappings, known as ‘**Mapplets**’ using Informatica Designer Involved in **Design** Review, **code** review, **test** review, and gave **valuable** suggestions.
* Worked with different **Caches** such as Index cache**, Data cache, Lookup cache** (Static, Dynamic and Persistence) and Join cache while developing the Mappings.
* Created **partitions** for **parallel** processing of data and worked with DBAs to enhance the data load during production.
* Performance tuned **Informatica** session, for large data files by increasing block size, **data cache size**, and target-based **commit**.
* Worked on **CDC (Change Data Capture)** to implement **SCD (Slowly Changing Dimensions) Type 1 and Type 2.**
* Created mappings, Mapplets according to Business requirement using Informatica big data version and deployed them as applications and exported to power center for scheduling.
* Involved in writing a procedure to check the up-to-date statistics on tables.
* Used Informatica command task to transfer the files to bridge server to send the file to third party vendor.

**ENVIRONMENT:** Informatica Power Centre 9.6.1, ORACLE 11g, DB2, Informatica MDM HUB, SQL Server, TOAD, AUTOSYS, UNIX, XML, TERADATA 14.

**CERNER - Kansas, KS APR’16- MAY’17**

**Role: Informatica Developer**

**Roles and Responsibilities:**

* Extensively used ETL to load data from **Flat Files, XML, Oracle 11g.**
* Involved in Designing of Data Modeling for the Data warehouse.
* Master Data Management **MDM Data Integration** concepts in large scale implementation environments.
* Performing requirement gathering, analysis, design, development, testing implementation support and maintenance phases of both **MDM** and **Data Integration Projects**.
* Developed data Mappings between source systems and warehouse components using Mapping Designer.
* Developing several complex mappings in Informatica a variety of PowerCenter transformations, Mapping Parameters, Mapping Variables, Mapplets & Parameter files in Mapping Designer using Informatica Power Center.
* Design, develop, test and review & optimize Informatica MDM and Informatica IDD Applications
* Worked extensively on different types of transformations **like source qualifier, expression, filter, aggregator, rank, update strategy, lookup, stored procedure, sequence generator, joiner, XML.**
* Worked with ETL Developers in creating External Batches to execute mappings, Mapplets using Informatica workflow designer to integrate Shire's data from varied sources like Oracle, DB2, flat files and SQL databases and loaded into landing tables of Informatica **MDM Hub.**
* **MDM** development includes creating Base **object tables, staging tables and landing tables as per requirement in LLD.**
* Setup folders, groups, users, and permissions and performed Repository administration using Repository Manager.
* Involved in the performance tuning of the Informatica mappings and stored procedures and the sequel queries inside the source qualifier.
* Created, launched & scheduled sessions. Implemented Slowly Changing Dimensions methodology and developed mappings to keep track of historical data
* Written SQL overrides in Source Qualifier and Lookups according to business requirements.
* Involved in troubleshooting the loading failure cases, including database problems.
* Involved in the **Performance Tuning of Database and Informatica.** Improved performance by identifying and rectifying the performance bottle necks.
* Wrote **PL/SQL Packages** and Stored procedures to implement business rules and validations. Tuned performance of Informatica Session by increasing block size, data cache size, sequence buffer length and Target based commit interval, and mappings by dropping and recreation of indexes.
* Used Server Manager to schedule sessions and batches.
* Involved in creating Business Objects Universe and appropriate reports.
* Used tools like TOAD and SQL navigator to run the queries and validate the data.
* Responsible to Run Unix scripts to startup the Java Web Service to generate the Load confirmation emails to users.
* Worked along with the QA Team and provided production support by monitoring the processes running daily.

**ENVIRONMENT:** Informatica Power Center 9.6.1, Informatica Multi domain MDM 9.6.0, oracle 11g PL/SQL, TOAD, UNIX, Erwin 4.2/7.x, Windows XP Professional, FTP, MS-Excel, Teradata, MS-Access, Maestro.

**VIRTUSA, INDIA JUN’13 – NOV’15**

**Role: ETL Developer**

**Roles and Responsibilities:**

* Developed ETL programs using Informatica to implement the business requirements.
* Communicated with business customers to discuss the issues and requirements.
* Production Support has been done to resolve the ongoing issues and troubleshoot the problems.
* Performance tuning was done at the functional level and map level. Used relational SQL wherever possible to minimize the data transfer over the network.
* Effectively used Informatica parameter files for defining mapping variables, workflow variables, FTP connections and relational connections.
* Used debugger in identifying bugs in existing mappings by analyzing data flow, evaluating transformations.
* Developed mappings using Informatica PowerCenter Designer to transform and load the data from source systems to target database.
* Effectively worked on Onsite and Offshore work model. Utilized most of the transformations such as the Source Qualifier, Expression, Aggregator, Filter, Connected and Unconnected Lookups, Joiner, update strategy and stored procedure.
* **Extensively practiced Pre-SQL and Post-SQL scripts for loading the data into the targets according to the requirement.**
* Involved in Initial loads, Incremental loads; Daily loads to ensure that the data is loaded in the tables in a timely and appropriate manner. Involved in doing error handling, debugging and troubleshooting Sessions using the Session logs, Debugger and Workflow Monitor.
* Extensively worked in the performance tuning of SQL, ETL and other processes to optimize session performance.

**ENVIRONMENT:** Informatica Power Center 9.5/9.6, Oracle 11g, MS SQL Server 2005, UNIX, PL/SQL, UNIX shell scripting, SQL\*PLUS, SQL, TOAD, Reports, MS Excel, MS Access, Flat Files, XML.

**NSG, INDIA Mar’11 – May’13**

**Role: ETL Developer**

**Roles and Responsibilities:**

* Analyze business user needs in order to document functional and technical specifications.
* Prepare High Level Design Document that includes details like, ETL process flow, error logging/handling, archiving, reconciliation and extendibility processes.
* Involved in the Analysis of Physical Data Model for ETL mapping and the process flow diagrams.
* Created and maintained metadata and ETL documentation that supported business rules and detailed source to target data mappings.
* Designed and wrote data extraction, transformation, clean and load and Informatica mappings for the enterprise Data Warehouse environment.
* Working experience on IBM TWS as part of workload automation in the environment.
* Worked closely with Business Analysts to Design & Develop SQL Statements, Data Conversions, and Data Cleansing. Data Quality Analysis to determine cleansing requirements.
* Used Oracle, SQL server, DB2 and Flat Files as sources and SQL server 2005 as target.
* Worked on Oracle Data Integrator for high performance batch loads and trickle free integration processes.
* Coding and Debugging, Sorting out their time-to-time technical problems. Develop, test and review complex Informatica Mappings, sessions, workflows and UNIX shell scripts for ETL process and act as Team Lead for Onsite and Offshore team model.
* Work with Data Profiling Team to help in Data Extraction, Cleansing/Validation process.
* Data sources like oracle databases, flat files, XML, JSON are majorly used in project.

**ENVIRONMENT:** XML, Informatica Power Center 7.5.1, Oracle 9i, UNIX, SQL, PL/SQL, Windows NT.