***Siri Chandana***

***Informatica Developer***

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***Professional Summary:***

* Over **8+ years** of IT experience in Planning, Analysis, Design, Implementation, Development, Maintenance and Support for production environment in different domains like Insurance, Healthcare, Financial, Retail with a strong conceptual background in **Database development** and **Data warehousing.**
* Worked around **6 years** on ETL Tool developing Data warehousing environment and real-time environment using **Informatica** Tool (**Designer**, **Workflow manager, Workflow monitor, Repository Manager**), providing solutions for like Insurance, Healthcare, Financial, Retail
* Strong experience in the Analysis, design, development, testing and Implementation of Business Intelligence solutions using **Data Warehouse/Data Mart Design, ETL, OLAP, BI, Client/Server** applications.
* Highly proficient in Development, Implementation, Administration and Support of ETL processes for Large-scale Data warehouses by Using **Informatica Power Center 10.2.0/9.6/9.5/9.1/9.0/8.x.**
* Involved in all phases of the **SDLC** (Software Development Life Cycle) from analysis, design, development, testing, implementation and maintenance with timely delivery against aggressive deadlines.
* Proficient in the Integration of various data sources with multiple relational databases like **Oracle11g /Oracle10g/9i, MS SQL Server, DB2, Teradata, Flat Files into the staging area, ODS, Data Warehouse and Data Mart.**
* Superior **SQL** skills and ability to write and interpret **complex SQL statements** and also skillful in SQL optimization and **ETL** debugging and performance tuning.
* Slowly **Changing Dimensions** Management including Type 1, 2, 3, Hybrid Type 3, De-normalization, Cleansing, Conversion, Aggregation, Performance Optimization.
* Extensively experience in developing **Informatica Mappings / Mapplets** using various Transformations for Extraction, Transformation and Loading of data from Multiple Sources to Data Warehouse and Creating Workflows with Worklets & Tasks and Scheduling the Workflows.
* Expertise in using **Informatica** **client tools** - Designer, Repository, Manager, Repository Server, Administration Console, Mapplets, Mappings, Workflow Manager, and Workflow Monitor, Re-usable Transformations, Shortcuts, Import and Export utilities.
* Experience in Data Warehouse development working with **Extraction/Transformation/Loading** using Informatica Power Mart/Power Center with **flat files**, **Oracle**, **SQL Server.**
* Experience working on **Data quality tools** Informatica IDQ 9.1.
* Experience Relational Modeling and Dimensional Data Modeling using **Star Snow Flake schema**, **De normalization, Normalization, and Aggregations.**
* Experience working in multi-terabytes data warehouse using Databases like **Oracle 11g/10g/9i, MS Access 2000/2002, XML, IBM UDB DB2 8.2, SQL Server 2008, MS Excel and Flat files.**
* Very strong in **SQL** and **PL/SQL**, extensive hands on experience in creation of database tables, triggers, sequences, functions, procedures, packages, and SQL performance-tuning.
* Have Good understanding of ETL/Informatica standards and best practices, Slowly Changing Dimensions **SCD1, SCD2 and SCD3** and **Enterprise Data Warehouse Concepts**.
* Experience in testing coordination, writing test cases and executing test scripts and logged defects in **Quality Center QC.**
* Working closely with **ETL developers** and other leads during development and support of BI application. Experience with **Data Extraction**, **Transformation**, and **Loading ETL** from disparate Data sources.
* Creation of tables, packages, mappings, batch jobs, roles and users in **Informatica MDM Hub**.
* Worked extensively in various kinds of queries such as **Sub-Queries**, **Correlated Sub-Queries**, and **Union Queries** for Query tuning.
* Extensively worked on **Data migration**, **Data cleansing** and **Data Staging** of operational sources using **ETL processes** and providing data mining features for data warehouses.
* Hands on experience using query tools like **TOAD**, **PLSQL developer**, **Teradata SQL Assistant** and **Query man**.
* Developed **UNIX scripts** for dynamic generation of Files & for **FTP/SFTP transmission**.

***Technical Skills:***

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| **Operating System** | UNIX, Windows, MS-DOS |
| **Language/Tools** | SQL, PL/SQL, C, C++ |
| **Scheduling Tools** | Autosys, Control-M, Informatica Scheduler |
| **ETL Tools** | Informatica Power Center 10.x/9.x/8.x, ETL Informatica Cloud, SSIS |
| **Database** | MS SQL Server, Oracle 8i/9i/10g, RDBMS DB2, Netezza, Teradata, PostgreSQL, Redshift |
| **Scripting** | Shell Scripting, Python |
| **Data Modeling Tools** | Microsoft Visio, ERWIN 9.3/7.5 |
| **Data Modeling ER** | (OLTP) and Dimensional (Star, Snowflake Schema) |
| **Data Profiling Tools** | Informatica IDQ 10.0, 9.5.1, 8.6.1 |
| **Excel Tools & Utilities** | TOAD, SQL Developer, SQL\*Loader, Putty |
| **Other Tools** | Notepad++, Toad, SQL Navigator, Teradata SQL Assistant, Snaplogic, AWS |
| **Defect Tracking Tools** | ALM, Quality Center |
| **Reporting Tools** | IBM Cognos, Tableau 9, SSIS |

***Professional Experience:***

**RTI International, Raleigh, NC March’17- Till Date**

**Sr. Informatica Developer**

**Responsibilities:**

* Involved in **Requirement gathering**, **business Analysis**, **Design and Development**, **testing** and implementation of **business rules**.
* Involved in the entire **SDLC (Software Development Life Cycle)** process that includes implementation, testing, deployment, documentation, training and maintenance.
* Responsible for designing and development, testing of processes necessary to extract data from **operational databases**, **Transform** and **Load** it into data warehouse using Informatica Power center.
* Developed **Complex mappings** to feed Data warehouse & Data marts by extensively using Informatica Mappings, Mapplets, and Transformations like Lookup, Filter, Router, Expression, Aggregator, Joiner, Stored Procedure and Update Strategy.
* **Automated mappings** to run using **UNIX shell scripts**, which included Pre and Post-session jobs and extracted data from Transaction System into Staging Area.
* Created the **Autosys** jobs and scheduled those as per the requirement.
* Extracted data from **Oracle database** transformed and loaded into **Teradata database** according to the business specifications.
* Design and developed complex informatica mappings including **SCD Type 2 (Slow Changing Dimension Type 2).**
* Extensively used SQL for accessing and **manipulating database systems.**
* Performed **Unit Testing** and **System Integration Testing** of Informatica Mappings and created Test cases.
* Configured lookups, foreign-key relationships, queries/custom queries, query groups, and packages in **MDM**.
* Extracted and transformed data from various sources like Teradata and **relational databases (Oracle, SQL Server).**
* Implemented the Land Process of loading the customer Data Set into **Informatica MDM** Hub's Landing tables
* Ability to analyze **existing systems**, **conceptualize** and **design** new ones, and deploying innovative solutions with high standards of quality.
* Configuration, designing, development and testing of **Autosys** JIL and other scripts.
* Created External Batches working with ETL Developers to execute mappings to integrate data from varied sources like Oracle, DB2, flat files and SQL databases and loaded into landing tables of **Informatica MDM** Hub.
* Automation and scheduling of Oracle and informatica batch jobs using **Control-M application** that are scheduled with file watchers, daily, weekly and on special **On-Demand requests**.
* Reviewed and designed the **MDM/ActiveVOS** setup and performed development and deployment.
* Involved in designing, documenting configuring **Informatica** Data Director for supporting management of **MDM** data.
* Worked on Parameterize of all variables, connections at all levels in **UNIX**.
* Raised change requests, analyzed and coordinated resolution of program flaws **in Prod and QA** environment, migrated the fixed code in **Dev** and to **QA**, preproduction and production environments according to change request approval.
* Performed Developer **Testing**, **Functional testing**, **Unit testing** and created **Test Plans** and **Test Cases.**

**Environment:** Informatica PowerCenter 10, Control M, Oracle11g, Toad, Redshift, Razor SQL, WinSCP, Teradata 14, Composite, Netsuite, Snaplogic, UNIX and TWS.

**Transamerica, Plano, TX**  **Jan’16 – Feb’17**

**Sr. Informatica Developer/ETL**

**Responsibilities:**

* Involved in creating Informatica mappings in uploading the **Data files** into the **Staging tables** and then finally into **Data Warehouse system**.
* Interacting with the **end users** to get the business Requirements, reporting needs and involved in preparation of **Business requirement documentation (BRD)**, and **functional specification documentation (FSD).**
* Made substantial contributions in simplifying the development and **maintenance of ETL** by creating re-usable **Source**, **Target** and **Transformation objects**.
* Involved in building the **ETL architecture** and Source to Target mapping to load data into Data warehouse.
* Created **mapping** documents to outline data flow from **sources to targets**.
* Extracted data from **Flat files**, **AS400 sources**, **DB2**, **SQL server** and loaded in to Oracle staging and target tables applying business rules as per the requirement.
* Implemented **SCD Type1** and **SCD Type2** techniques to update slowly changing dimension tables.
* Design, document and configure the **Informatica MDM** Hub to support loading, matching, merging, and publication of **MDM** data.
* Used **Debugger** to test the mappings and fixed the bugs.
* Configured lookups, foreign-key relationships, queries/custom queries, query groups, and packages in **MDM**.
* Maintained stored definitions, transformation rules and targets definitions using **Informatica repository Manager.**
* Extensively worked on the **Informatica Designer**, Repository Manager, Repository Server, Workflow Manager/Server Manager and Workflow Monitor.
* Developed the Informatica Mappings parameters by using **Aggregator**, **SQL overrides** by using Lookups, source filter by using **Source Qualifiers** and **Data Flow Management** into multiple targets using **Router Transformation**.
* Expertise in Master Data Management concepts, Methodologies and ability to apply this knowledge in building **MDM** solutions.
* Created **primary** and **secondary indexes** and performed performance tuning for physical Tables in database using **views**.
* Involved in design and creation of **Fact tables** and **Dimensions** and **developed mappings** to load into **staging tables**.
* Created **sessions** and **workflows** to run in parallel, sequentially and nested.
* Hands on experience in **SQL\* loader** to load .csv files to oracle tables.
* Implemented **performance tuning techniques** by identifying and resolving **bottlenecks** in SQL Queries, Sources, Targets, transformations and mappings to improve performance.
* Prepared migration document to move the mappings from development to testing and then to production **repositories.**
* End-to-end ETL development of the **Data Mart** and worked with Informatica Data Quality Analysis, data matching and data conversion to determine cleansing requirements. Designed and developed Informatica mappings for data loads.
* Created Informatica mappings with **PL/SQL Procedures / Functions/triggers** to build business rules to load data.
* Hands on experience on **Data Profiling/IDQ tool** and Worked on enhancements for stored procedure and IDQ web services.
* Designed and developed **ETL strategies** and **mappings** from source systems to target systems. ETL strategies were designed to cater initial load and incremental load.
* Developed unit test scripts and test cases for **unit testing** and **system testing.**

**Environment:** Informatica Power Center 9.6.1, Control M, Oracle11g, Toad, DB2, WinSCP, WinSQL, Quality Centre, ERWIN, UNIX and TWS.

**Bed Bath & Beyond, New Jersey April ’14- Dec ’15**

**Informatica Developer/Admin**

**Responsibilities:**

* Provided **technical leadership** and developed new business opportunities.
* Extracted data from oracle database and spreadsheets and staged into a single place and applied business logic to load them in the **central oracle database**.
* Developed **Complex mappings** to feed Data warehouse & Data marts by extensively using Informatica Mappings, Mapplets, and Transformations like Lookup, Filter, Router, Expression, Aggregator, Joiner, Stored Procedure and Update Strategy.
* Used **Informatica Power Center** Workflow manager to create sessions, workflows and batches to run with the logic embedded in the mappings.
* Created procedures to **truncate data** in the target before the session run.
* Extensively used **Toad** utility for executing **SQL scripts** and worked on SQL for enhancing the performance of the conversion mapping.
* Used the **PL/SQL procedures** for Informatica mappings for truncating the data in target tables at run time.
* Have Experience on Teradata Utility scripts like **BTEQ, FastLoad, MultiLoad and FastExport** to load data from various source systems to Teradata.
* Working knowledge **on Oracle 11g, SQL Server, Teradata, Netezza, DB2, MY SQL** and UNIX shell scripting.
* Troubleshoot problems by checking Sessions and **Error Logs**. Also used Debugger for complex problem troubleshooting.
* Experience in building, enhancing and managing Universes, creating **WebI, DeskI, Complex, Adhoc Reports, Canned Reports, and Charts using Business objects.**
* Experience in **complex data analysis** in Designer, used data from multiple data providers, performed extensive data analysis with complex queries, drill up, drill down, slice and dice.
* Strong hands-on experience in creating/enhancing Universes using BO Designer and in creating and maintaining reports using **Business Intelligence** , **Business objects**, **Web Intelligence**, and **Desktop Intelligence** Written documentation to describe program development, logic, coding, testing, changes and corrections.
* **Fine-tuned Informatica** transformations and workflows for better performance and Used **Informatica Metadata** Manager to show data lineage.
* Excellent knowledge in **data analysis**, **data cleansing** and **data validation**.
* Developed **SSIS packages** to load data into warehouse and benchmark the performance and supported multiple lines of business and IT initiatives.
* Collaborated with remote offshore team, creating the requirement documents, verifying coding standards and conducting **code reviews**.
* Involved in **production deployments** of the projects and Collaborated with remote offshore team, creating the requirement documents, verifying **coding standards** and conducting code reviews.

**Environment:** Informatica Power Center 9.1/8.6, Power Exchange, DB2,Tivoli, SQL server 2005 / 2008, Oracle, Linux.

**Comerica Bank, Detroit, MI Nov ’13-March ’14**

**Informatica Developer**

**Responsibilities:**

* Involved in preparation of **Business requirement documentation (BRD)**, and **functional specification documentation(FSD)**
* Involved in Real time data load from **AS400 DB2** into **SQL Server staging.**
* Created various tables in **SQL Server 2012** management studio and extracted data from SQL server to load into Dynamics.
* Extracted data from **Oracle / Teradata** database transformed and loaded into **Sales force cloud** and **Microsoft Dynamics CRM** according to the business specifications.
* Created various advanced Transformations such as **Sales force lookup**, **Transaction Control**, **Unconnected Stored Procedure**, **Rank Transformations** for transforming the data according to the **business logic.**
* Identified and eliminated duplicate datasets and performed Columns, **Primary Key,** **Foreign Key** profiling using **IDQ.**
* Developed **Error/Exception handling mechanism** to enhance the data quality loaded to EDW.
* Developed various SQL queries using **joins**, **sub-queries** & analytic functions to pull the data from various relational DBs i.e. Oracle, Teradata & SQL Server.
* Created **pre-session, post session**, **pre-sql**, **post sql** commands in Informatica.
* Reviewed the stored procedures developed by team members in Oracle to create the ETL functionality.
* Involved in **analyzing,** **defining,** and **documenting** data requirements by interacting with the client and Salesforce team for the **Salesforce objects.**
* Due to limited space availability at Sales force cloud have de-normalized the data and loaded into **Target tables.**
* Automated mappings to run using **UNIX shell scripts,** which included Pre and Post-session jobs and extracted data from Transaction System into **Staging Area**.
* Work closely with **DBAs**, application, database and ETL developers, change control management for migrating developed mappings to PROD.
* Production support for the Informatica process, **troubleshoot** and **debug** any errors.
* Hands of knowledge in creating **Shell scripts** for **automation** and **execution of the workflows**.
* Performed **Unit Testing** and **System Integration Testing** of Informatica Mappings and **created Test cases.**

**Environment**: Informatica Data Quality 9.1.0/9.5.1, Sales Force, Microsoft CRM, Teradata 14, Teradata SQL Assistant, Quality Center, SQL Server, Oracle, Unix Shell Scripting and Windows 2000, Windows 2003,SQL Server 2005,SQL Server 2008, Salesforce.com, Webservices.

**Greylogic Technologies, Hyderabad, India July ’11-August’13**  **ETL Consultant**

**Responsibilities:**

* Extracted data from **Oracle database** transformed and loaded into **Teradata database** according to the **business specifications**.
* Implemented logical and physical data modeling with **Star** and **Snowflakes techniques** using **ERwin** in **Data Mart**.
* Involved in creating Informatica mappings in uploading the Data files into the Staging tables and then finally into Teradata Warehouse system.
* Used the **PL/SQL Procedures** for Informatica mappings for truncating the data in target tables at run time.
* Used **Workflow Manager** for creating, validating, testing, running the sequential, concurrent Batches and Sessions.
* Used Informatica PowerCenter to create mappings, sessions and workflows for populating the data into dimension, fact, and lookup tables simultaneously from different source systems (**SQL server, Oracle, Flat files**).
* Implemented slowly changing dimensions’ methodology to keep track of historical data.
* Extensively wrote the **BTEQ scripts** to incorporate the transformation rules.
* Implemented Informatica Framework for dynamic parameter file generation, start, failed and

also sending of Post-Session Email once data is loaded.

* Developed **Teradata Fastload scripts** for initial loads, **Mload scripts** for data loads
* Implemented modifications to improve performance of long running batch jobs with the help of changes in SQL statements**, indexes** and **Explain Plans**.
* Involved in writing UNIX shell scripts for **ETL tools** to run the sessions.
* Developed **MLOAD scripts** to load data from Load Ready Files to Teradata Warehouse.
* Involved in the **code reviews** prepared by the teams.
* Creating Test cases for **Unit Test**, **System Integration Test** and **UAT** to check the data quality.
* **Scheduled** and **monitored** automated weekly jobs.

**Environment**: Teradata V2R12, Teradata SQL Assistant, Teradata Manager, Sql Server, Oracle 10g/9i, Erwin Designer, Informatica Power Center 8.2, UNIX AIX.