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# **RAJU V**

# **Cell No: 203-414-6127**

# **Email:** [**rajnaik653@gmail.com**](mailto:rajnaik653@gmail.com) **ETL /TALEND/ INFORMATICA DEVELOPER**

# **PROFESSIONAL SUMMARY**

* Over **5 + years** of experience in Information Technology with a strong background in **Database development** and **Data warehousing** and **5** years **ETL process** using **Informatica Power Center 9.x/8.x/7.1.3/7.1.1/6.2, Power Exchange** using Designer (Source Analyzer, Warehouse designer, Mapping designer, Metadata Manager, Mapplet Designer, Transformation Developer), Repository Manager, Repository Server, Workflow Manager & Workflow Monitor.
* Expertise in Data Warehousing Concepts like **Ralph Kimball Methodology, Bill Inmon Methodology, Star Schema, Snow Flake Schema**, Fact Table, Dimension Table, Logical Data Modeling, Physical Modeling, Dimension Data Modeling using Erwin , Microsoft Visio
* Worked on **Repository Server Administration Console,** **Informatica Power Center with B2B** Transformations such as Source Qualifier, Lookup, Filter, Expression, Router, Joiner, Update Strategy, Rank, Aggregator, Stored Procedure, Sorter, Normalizer, Union and **XML Source Qualifier**..
* Experience in implementing Slowly Changing Dimensions (Type1, Type2 and Type3) mappings.
* Extensive design, development and testing experience with **Talend Open Studio** and expertise in Performance Tuning of mappings. .
* Hands on Experience with **Talend Data Integration Tool**
* Experience working with **SSIS** and **SSRS** and **SQL Server DTS.**
* Extensive experience in using various Informatica Designer Tools like Source Analyzer, Transformation Developer, Mapping Designer, Mapplet Designer and Warehouse Designer
* Experience in installation of **Informatica Power Exchange.**
* Experience in Relational Databases like Oracle 10g/9i/8i, Sybase, MQSERIES, MS SQL Server, Teradata V2R6/V2R5, Perl, DB2 UDB 8.0/7.0/6.0, MS Access 2000/2003, SQL, PL/SQL, Cobol, Stored Procedures, Functions, Packages, Indexes, Sub Queries, and Performance Tuning
* Responsible for the data management and data cleansing activities using **Informatica data quality (IDQ).**
* Provided **production support** to the system and handle production queries/defects.
* Implemented **Data Cleansing,** **Data Analysis, Data Profiling,** **Transformation Scripts, Stored Procedures/Triggers** and necessary **Test plans** to ensure the successful execution of the data loading processes.
* Experience in Creating and maintained Database Objects like Tables, Views, Materialized views, Indexes, Constraints, Sequence, Table Partitions, Synonyms and Database Link.
* Experience in Oracle database Performance Tuningand extensive experience in **SQL \* Loader** Imports/Exports.
* Experience with industry standard methodologies like **RUP, Waterfall, Agile**, and **Scrum** methodology within the Software Development Life Cycle.
* **Business Intelligence experience** using **Business Objects**, Web Intelligence, **Cognos Suite**, **Impromptu**, Power play, Transformer, and Impromptu Web Reports..
* Extensively executed SQL queries on Oracle using Toad and SQL Server tables in order to view successful transaction of data and to validate data.
* Experience in technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.
* Experience in using the Informatica data quality command line utilities like pmcmd to execute Workflows in non-windows environment.
* Experience in debugging mappings, Identified bugs in existing mappings by analyzing the data flow and evaluating transformations.
* Excellent knowledge in data warehouse development life cycle including SDLC.
* Hands on experience in Performance Tuning of sources, targets, transformations and sessions.
* Highly motivated to take independent responsibility as well as ability to contribute and be a productive team member with excellent Verbal and Communication Skills and clear understanding of Business procedures.

# **Technical Skills**

**ETL Tools:** Talend Open Studio for data integration, Informatica PowerCenter9.1/8.6/8.1/7.1/6.1, Power Mart 6.2/5.1, Informatica PowerConnect, Informatica Power Exchange for Salesforce.com , OLAP, OLTP,Autosys

**Data Modeling:**  Erwin,MS Visio, ER Model, Dimensional Data Modeling, Ralph-Kimball Methodology, Bill-Inman Methodology,Star Schema Modeling,Snow-Flake Modeling

**Reporting Tools**: Business Objects 6.5/6.1, Crystal Reports

**Databases:** Oracle 11g/10g/9i/8i, MS SQL Server 2005/2000, Teradata (Fast-Load, Multi-Load, Fast Export), SFDC, MS Access, MS Excel, flat files

**DB Tools:** TOAD, SQL Developer, SQL \* Plus, Maestro Job Scheduler

**Languages:** VB, Java, SQL, PL/SQL, UNIX Shell Scripting, XML, COBOL

**Web Technologies**: HTML, CSS, Java Script, Macromedia Dreamweaver

**Work Experience**

# **Client: Comcast, Philadelphia, PA**

# **Role: Informatica Developer Jun’12 – Till Date**

This project is for Comcast, which is mainly a Internet and Telephone service provider. As a part of the IT team I was responsible for Migration as well as Integration for few modules such as their Accounting and Internet division. I was involved very closely from gathering the requirement, developing, testing and providing the data to users.

**Responsibilities**:

* Working with Business analysts to understand business/system requirements in order to transform business requirements into effective technology solutions
* Designed the mapplets while focusing on code reusability in order to enable future **data migration** to **newer target systems.**
* Extensively used **Normal Join, Full Outer Join, Detail Outer Join, and master Outer Join** in the **Joiner Transformation.**
* Used **Ralph Kimball Methodology** for building the data warehouse.
* Worked with various active transformations in **Informatica PowerCenter with B2B** like **Filter Transformation, Aggregator Transformation, Joiner Transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation**
* Extensively worked with various Passive transformations in Informatica PowerCenter like Expression Transformation, Sequence Generator, Sorter Transformation, and Lookup Transformation.
* Developed the mapplets to support data migration from source SAP to several downstream target systems.
* Extensively worked with **Slowly Changing Dimensions** Type1, Type2, and Type3 for Data Loads
* Responsible for Performance Tuning at the Mapping Level, Session Level, Source Level, and the Target Level
* Responsible for the Data Cleansing of Source Data using **LTRIM** and **RTRIM** operations of the Expression Transformation
* Responsible for Performance in Informatica PowerCenter at the Target Level, Source level, Mapping Level, Session Level, and System Level
* Extensively worked with both **Connected** and **Un-Connected Lookups**
* Extensively worked with Look up Caches like Persistent Cache, Static Cache, and Dynamic Cache to improve the performance of the lookup transformations
* Worked with re usable objects like **Re-Usable Transformation** and **Mapplets.**
* Extensively worked with aggregate functions like Avg, Min, Max, First, Last, Std Deviation in the Aggregator Transformation.
* Extensively made use of sorted input option for the performance tuning of aggregator transformation
* Extensively use Power Exchange to extract data from MQ series.
* Extensively used **SQL Override** function in **Source Qualifier** Transformation
* Responsible for migrating the workflows from development to production environment
* Extensively worked with Incremental Loading using Parameter Files, Mapping Variables, and Mapping Parameters
* Created Pre/Post Session/SQL commands in sessions and mappings on the target instance.
* Used the command line program pmcmd to run Informatica jobs from command line. And used these commands in shell scripts to create, schedule and control workflows, tasks and sessions.
* Provided detailed technical, process and support documentation like daily process rollback and detailed specifications and very detailed document of all the projects with the workflows and their dependencies.
* Created documents for data flow and ETL process using Informatica mappings to support the project once it implemented in production.
* Created and Documented **ETL Test Plans,** **Test Cases, Test Scripts, Expected Results, Assumptions** and Validations.

**Environment:** Informatica Power Center9.1/8.6 (Repository Manager, Designer, Workflow Manager, and Workflow Monitor, Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet Designer, Mapping Designer, Workflow Designer, Task Developer), power Exchange, Data Explorer, Data Quality, Control M, Micro Strategy, DB2 UDB 8.1, MQ Series, Cobol, PL/SQL,Oracle 9i, Flat Files, XML.

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# **Client: Cardinal Health Care, Dublin, OH Mar’11 – May’12**

**Role: Informatica Developer**

The client is into the Health and Medical care vertical. The prime responsibility of the team is to develop a Patient Care Data Warehouse (PCDW).This data warehouse is used to access easily the detailed clinical data on a platform and also to facilitate the enterprise-wide data analysis within the health care environment. The PCDW is up and running with incremental growth starting from 20 Terabytes of data.

**Responsibilities:**

* Analyzed business process and gathered core business requirements. Interacted with business analysts and end users.
* Prepared a **handbook of standards** for Informatica code development.
* Analyzed business requirements and worked closely with the various application teams and business teams to develop ETL procedures that are consistent across all application and systems.
* Developed Custom metadata repository.
* Used Informatica designer for designing **mappings and mapplets** to extract data from **SQL Server, Sybase and Oracle sources.**
* Created different **parameter files and changed Session parameters, mapping parameters,** and variables at run time.
* Extensively used **Source Qualifier Transformation** to filter data at Source level rather than at Transformation level. Created different transformations such as **Source Qualifier, Joiner, Expression, Aggregator, Rank, Lookups, Filters, Stored Procedures, Update Strategy and Sequence Generator.**
* Used **Debugger to test the data flow** and fix the mappings.
* **Created and monitored workflows and task** using Informatica PowerCenter Workflow Manager.
* **Partitioned Sessions** for concurrent loading of data into the target tables.
* **Tuned the workflows and mappings.**
* Involved in identifying the bottle necks and tuning to improve the Performance.
* **Created workflows** using Workflow manager for different tasks like sending email notifications, timer that triggers when an event occurs, and sessions to run a mapping.
* Executed Workflows and Sessions using Workflow Monitor.
* Dealt with data issues in the staging flat files and after it was cleaned up it is sent to the targets.
* Actively **coordinated with testing team in the testing phase** and helped the team to understand the dependency chain of the whole project.
* Executed the workflow using pmcmd command in UNIX.

**Environment:** **Informatica PowerCenter9.1/8.6/8.1.1/7.1.3, Oracle 10g/9i/8i, SQL Server 2000, PL/SQL, Erwin, TOAD, SQL\*Plus, SQL\*Loader, UDB, Sybase, XML, Windows, Linux and HP-UNIX.**

# **Client: National City Bank, Georgia Nov’09 – Jan’11**

# **Role: ETL Developer**

This project was to implement an Enterprise Data Warehouse (EDW) by means of integrating data from different feeder system situated across various locations into a central repository of business information. The EDW provides quick access to data to enable a more informative decision making process.

**Responsibilities:**

* Interacted with business community and gathered requirement based on changing need.
* **End-to-end ETL development** of the Premium Module Data Mart.
* Designed and developed Star and **Snow Flake Schema** in Data warehouse.
* Used Informatica Designer to **create complex mapping** using different transformation like filter, lookups, stored procedure, joiner, update strategy, expressions and aggregator transformation to move data to a Data warehouse.
* Made adjustments in **Data Model** and **SQL scripts** to create and alter tables.
* Worked on different **data sources** such as **Oracle**, **SQL Server**, **Flat files** etc.
* Wrote many **SQL/PLSQL** scripts to **verify data in the DB**.
* Involved in **Data Validating**, **Data integrity**, **Performance related to DB**, Filed Size Validations, Check Constraints and Data Manipulation and Updates by using **SQL Single Row Functions**.
* Provided technical support to internal users of Data Mining products.
* Extracted data from shipping department to flat files and load the data to the target database.
* Worked on performance tuning for ETL processes.
* Worked with many **existing Informatica Mappings** to produce correct output.
* Extracting, Scrubbing and Transforming data from Flat Files, Oracle, SQL Server, and then loading into Oracle database using Informatica.
* Translated business requirement to technical specifications and developed Informatica mapping/Workflows.

**Environment:** Informatica 8.6/8.1, SQL, PL/SQL, Oracle 9i, Erwin 7.0, DB2, Autosys, SQL Server 2000, Sybase, AIX, T

# **Client: Devon Energy, Oklahoma City, OK Oct’08 - Oct’09**

**Role: ETL Developer**

**Responsibilities:**

* Interacted with business community and gathered requirement based on changing need.
* **End-to-end ETL development with b2b** of the Premium Module Data Mart.
* Designed and developed Star and **Snow Flake Schema** in Data warehouse.
* Used Informatica Designer to **create complex mapping** using different transformation like filter, lookups, stored procedure, joiner, update strategy, expressions and aggregator transformation to move data to a Data warehouse.
* Made adjustments in **Data Model** and **SQL scripts** to create and alter tables.
* Worked on different **data sources** such as **Oracle**, **SQL Server**, **Flat files** etc.
* Wrote many **SQL/PLSQL** scripts to **verify data in the DB**.
* Involved in **Data Validating**, **Data integrity**, **Performance related to DB**, Filed Size Validations, Check Constraints and Data Manipulation and Updates by using **SQL Single Row Functions**.
* Provided technical support to internal users of Data Mining products.
* Extracted data from shipping department to flat files and load the data to the target database.
* Worked on performance tuning for ETL processes.

.**Environment:** Informatica PowerCenter 8.1, Oracle10g, XML, PL/SQL, Unix.

**Education:** **Bachelor of Technology in Computer Science and Engineering from Jawaharlal Nehru Technological University, Hyderabad, India (2008).**