**Raj Mummaneni**

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**Professional Summary:**

* Proficient Around 8 years of total IT experience, and 6 years as an ETL developer.
* Technical proficiency in data warehousing teamed with business requirements analysis, application design, data modeling and data quality, data profiling, development, testing and documentation.
* Highly proficient, versatile and resolution focused ETL Architect / Developer offering expertise in data warehousing architecture especially using **Informatica** Suite and experience in software analysis, design, development implementation and management of technical solutions.
* ETL Architecture (Designing and Implementing Enterprise Data warehouse and analytical business solutions, establishing/leading data governance framework and setting data strategy, conducting proof of concepts on various BI products, writing SAD documents)
* ETL Development (All versions of Informatica, Power Center 9.6.1 being the current, **Informatica** Web Services, **Informatica** Power Exchange for Mainframe, **Informatica** DT Studio, **Informatica** Data Quality, SSIS)
* ETL Administration (**Informatica** Power Center and Webservices).
* Specialized in **Informatica** Power Center, Data Quality, Oracle database, IBM Mainframes, DB2, Unix, Cobol, Requirement Analysis, System Design, Process flow, Workflow, Use and Test Case Development, Software Development Life Cycle (SDLC), System Testing, SCRUM/Agile development, Bug fixing, Documentation, Implementation, Production Support and Maintenance of systems.
* Responsible for the transition from the company's 8-node **Teradata** system to a new 24-node **Teradata** system running on SUSE Linux. Overstock was the first customer to migrate to the Teradata-on-Linux platform with their primary production system
* Worked in the implementation of warehouses and database business systems for Insurance, Pharmaceutical, Financial and Telecom industries.
* Hands on experience in all aspects of the Software Development Life Cycle (SDLC).
* Six years of strong data warehousing experience using **Informatica** Power Center […] (Source Analyzer, Warehouse Designer, Mapping Designer, Mapp let Designer, Transformation developer), **Informatica** Power Mart […] Power Connect, Power Plug, Power Exchange, Power Analyzer, **DataMart’s**, **ETL**, **OLAP**, **OLTP**, Operational Data Sources, Tidal, Autosys.
* Developed batch jobs using UNIX Shell scripts (csh, bash, ksh) to automate the process of loading, pushing and pulling data from and to different servers.
* More than five years of dimensional data modeling experience using Star Schema/ Snowflake modeling, FACT and Dimensions tables, physical and logical data modeling using ERWIN […] and Oracle Designer.
* Sales data warehouse experience. Java transformation experience.
* Strong SQL querying, SQL tuning experience.
* Worked with dimensional data warehouses in Star and Snowflake Schemas, created slowly changing dimension target mappings, Type1/2/3-dimension mappings.
* Extensively involved in designing database schemas using Erwin.
* Three years of experience in handling business and system requirements for Policy Admin Systems.
* Solid exposure to Business Intelligence experience using Business Objects XI/6.5/5.x (Business Objects 6.5/5.1, BO Designer, BO Reporter, Supervisor, Auditor, ZABO, BCA, BO SDK, Web 6.1/6.2, Infor View) Crystal reports Enterprise 10/8.5, OLAP, and Data Reports.
* Six years of experience using Oracle […] DB2 […] MS SQL Server […] (Query Analyzer, Enterprise Manager & DTS), **Teradata**, Database Systems, MS Access […] SQL, PL/SQL, DB2 Visualizer, Transact SQL, UNIX, Shell Scripting, HTML 4, SQL\*Plus, TOAD.
* Excellent verbal and written communication skills with a clear understanding of business procedures and ability to work individually or as a part of a team.
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.

**Technical Expertise:**

Languages/Tools: Teradata SQL, UNIX Shell programming, Oracle PL/SQL, PERL, Sybase, Transact-SQL Software, Teradata Utilities: bteq, fastload, multiload, arcmain, Informatica PowerCenter, ERWin, Sunopsis/Oracle Data Integrator, GoldenGate, SyncSort DMExpress, Control M, MicroStrategy, Business Objects Data Integrator.

**Professional Experience:**

**Sammons Financial Group, Sioux Falls, SD March '2017 - Till Date**

**Informatica / Teradata Developer**

**Responsibilities**:

* Worked with business analysts for requirement gathering (BRD), business analysis, and translated the business requirements into technical specifications to build the Enterprise data warehouse.
* Interacted with both Technical, functional and business audiences across different phases of the project life cycle.
* Developed mappings for fact and dimension tables using the various transformations to extract data from different source databases Oracle, Db2UDB, SQL Server and XML Files.
* Designed and developed complex ETL mappings by making use of transformations like Source Qualifier, Joiner, Update Strategy, Connected Lookup and unconnected Lookup, Rank,

Expression, Router, Filter, Aggregator and Sequence Generator transformations.

* Worked on Migration of mappings from Data Stage to Informatica.
* Worked on Power Exchange bulk data movement processes by using Power Exchange Change Data Capture (CDC) method.
* Designed Mappings using **B2B** Data Transformation Studio.
* Good knowledge in Unix Shell scripting.
* Excellent experience in ETL Tools like **Informatica** and on implementing Slowly Changing Dimensions (SCD).
* Extract and Load data using different tools in Teradata like Multiload, FastExport, Fastload, OLE Load, BTEQ.
* Employing the **Informatica** Data Quality (**IDQ**) to help identify data issues and implementing the cleansing procedures with existing interfaces/migrations.
* Written and used **UNIX** shell scripts extensively for scheduling and pre/post session management.
* Created Workflows using various tasks like sessions, events raise, event wait, decision, e-mail, command, worklets, Assignment and worked on scheduling of the **workflows**.
* Used mapping parameters and variables.
* Prepared mapping specification document, which gives the data flow and transformation logic for populating each column in the data warehouse table.
* Used debugger to analyze the data flow between source and target to fix the data issues.
* Developed **PL/SQL** procedures, functions to facilitate specific requirement.
* Optimized and Tuned SQL queries and **PL/SQL** blocks to eliminate Full Table scans to reduce Disk I/O and Sorts.
* Used **SQL** Loader to load huge flat files into **Oracle** database.
* Implemented audit and reconcile process to ensure **Data warehouse** is matching with the source systems in all reporting perspectives.
* Worked with **PowerCenter** parameter file which is a list of parameters and variables and their associated values, includes information for multiple services, service processes, workflows, worklets, and sessions in a single parameter file.
* Prepared the Standard Operating Procedure (Knowledge Transfer) document, which provides necessary information, required for the Maintenance and Operation of the application.
* Created the release requests for **QA** Builds to include all the release requirements and involved in the implementation of QA, **UAT** and Production releases.
* Extensive knowledge on Analysing the Software Requirement Specifications and Software.
* Developed a **UNIX** Shell scripts which will send the reports to client over the network by using file transfer protocol (FTP & SFTP) and generating the log file, which will keep the history for the FTP reports.
* Executed **Informatica** workflows using **PMCMD** utility thru **UNIX** scripts.
* Provided data loading, monitoring, System support and worked on data issues raised by end user during its production support phase.
* Wrote **SQL** **Queries** as part of Data validation in the Target tables.

**Environment**: Informatica Power Center 9.5, Oracle 10g, Oracle SQL\* LOADER, Flat Files, UNIX Shell Scripting, TOAD, Crontab, Teradata 13.10, Teradata SQL Assistant, SQL, VSS, Outlook, Putty, MLOAD, TPUMP, FAST LOAD, FAST EXPORT.

**Intermountain Health Care, Salt Lake City, UT March '2016 - Feb ‘2017**

**Title: ETL Developer**

**Responsibilities:**

Oracle Policy Admin System

The objective of this project was to develop new Annuity Products for Oracle Policy Admin System (OPAS). I worked on enhancements for existing extracts to incorporate the new product logic into it. I have worked as system analyst in this project and act as bridge between developers and Business.

* Interacted with Business to implement New Product functionality.
* Involved in design and implementation of TBS Product.
* Interacted with Business Analyst to understand requirements and translated them into the appropriate technical solution.
* Created Data Mappings and Design Documents according to Business Requirements.
* Created ETL Design Documents for team better understanding.
* Created Tables, Views and Materialized Views as per the design.
* Loaded Data into EDW using BTEQ, Fast Load and Multi Load.
* Used data integration with ETL tool, **Informatica** **Power** **Center**/**Power** **Mart**.
* Designing and developing complex **Informatica** mappings including Type-II slowly changing dimensions.
* Extensively used ETL to load data from wide range of sources such as flat files and legacy systems.
* All the jobs are integrated using complex Mappings including **Mapp lets** and Workflows using **Informatica** power center designer and workflow manager. Ver. 8.6 and Ver.9.1.
* Created Various UNIX Scripts to load and transfer the data into tables and flat files.
* Performance tuning has been done to increase the through put for both mapping and session level.
* Use debugger in identifying bugs in existing mappings by analyzing data flow, evaluating transformations.
* Created effective Test data and development thorough Unit test cases to ensure successful execution of the data and used pager for notifying the alerts after successful completion.
* Worked extensively on HP Quality Center.
* Worked Extensively on **Teradata** to load or pull data using Utilities.
* Created Apples to schedule the jobs for our nightly run using ESP.
* Used **Congo’s** Impromptu and Power Play to create reports from the data mart.
* Provide off-hours on-call support on as needed basis.

**Environment:** Informatica 9.1/8.6, Unix, Windows NT, Oracle 10g database Oracle 11g database, SQL Server 2000, PL\SQL, ESP, UNIX Shell scripting, Toad, HP Quality Center, Visio.

**Client: Harley Davidson, Milwaukee, WI Feb '2015 - Feb ‘2016**

**Title: Informatica Developer**

**Responsibilities:**

The objective of this project was to build Products for Oracle Policy Admin System (OPAS).I have been working on this project from the scratch. We build this system for our Annuity Products. At Same time we loaded data from our system to our EDW to maintain Historic Data for our Finance and Product Reporting Team (PRT). I have worked as system analyst in this project and act as bridge between developers and Business.

* Interacted with Business and Solution Architects for building Policy Admin System.
* Involved in design and implementation of Policy Admin System.
* Interacted with Business Analyst to understand requirements and translated them into the appropriate technical solution.
* Created Data Mappings and Design Documents according to Business Requirements.
* Created ETL Design Documents for team better understanding.
* Created Tables, Views and Materialized Views as per the design.
* Loaded Data into **EDW** using **BTEQ**, Fast Load and Multi Load.
* Involved in **Informatica** (8.6 to 9.1) and Oracle (10 to 11g) Upgrades.
* Created Critical Finance Extracts for our Product Reporting Team using **Informatica** Power Center.
* Used data integration with ETL tool, **Informatica** Power Center/Power Mart.
* Designing and developing complex **Informatica** mappings including Type-II slowly changing dimensions.
* Extensively used ETL to load data from wide range of sources such as flat files and legacy systems.
* Performed Java transformations.
* Converted all PL/ SQL into **Informatica** Extracts which our most products used.
* All the jobs are integrated using complex Mappings including **Mapp lets** and Workflows using **Informatica** power center designer and workflow manager. Ver. 8.6 and Ver.9.1.
* Created Various UNIX Scripts to load and transfer the data into tables and flat files.
* Performance tuning has been done to increase the through put for both mapping and session level.
* Use debugger in identifying bugs in existing mappings by analyzing data flow, evaluating transformations.
* Created effective Test data and development thorough Unit test cases to ensure successful execution of the data and used pager for notifying the alerts after successful completion.
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* Worked Extensively on **Teradata** to load or pull data using Utilities.
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**Environment:** Informatica 9.1/8.6, Unix, Windows NT, Oracle 10g database Oracle 11g database, SQL Server 2000, PL\SQL, ESP, UNIX Shell scripting, Toad, HP Quality Center, Visio.

**Client: KMPG Group, Mumbai, India Jan '2012 - Sep ‘2014**

**Title: ETL/DWH Developer**

**Responsibilities:**

This project was for the Sales Analysis that helped decision makers analyzes the sales patterns using the various business angles or dimensions. The proposed data warehouse was strictly based on Star Schema to accommodate future addition to warehouse without affecting the existing structure and the applications developed. Data loading from Source Databases were performed in two steps. 1. Source Databases to Staging Database that was based on Relational Data Model. 2. Staging Database to Warehouse Database that was based on Dimensional Model. ETL processes are performed using **Informatica** **PowerCenter** 6.1.

* Extensively involved in understanding the client's database and identifying the significant fields to extract.
* Worked on **Informatica** Power Center tools- Designer, Repository Manager, Workflow Manager, and Workflow Monitor.
* Parsed high-level design specification to simple **ETL** coding and mapping standards.
* Designed and customized data models for Data warehouse supporting data from multiple sources on real time
* 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.
* Involved in Dimensional modeling (**Star Schema**) of the **Data warehouse** and used **Erwin** to design the business process, dimensions and measured facts.
* Extracted the data from the flat files and other **RDBMS** databases into staging area and populated onto Data warehouse.
* Maintained stored definitions, transformation rules and targets definition using **Informatica** repository Manager.
* Analyzed the sources, targets, transforming the data, mapping the data and loading the data into targets using **Informatica** **PowerCenter**.
* Involved in extraction of data from the different flat files and data from Oracle **OLTP** Systems.
* Developed transformations, mappings, sessions and workflows.
* Worked extensively on different types of transformations like normalizer, expression, union, filter, aggregator, update strategy, lookup, stored procedure, sequence generator and joiner.
* Scheduled the jobs to ensure the freshness of the data.
* Supervised, tested / validated all mappings for different applications.
* Documented all the mappings in **Informatica**.

**Environment:** Informatica PowerCenter 7.1, Erwin, Oracle, SQL Tools, BTEQ, Power Connect, PL/SQL, UNIX, TOAD, Windows XP.

**Client: HDFC Bank- India Aug'2009 – Dec '2011**

**Title: SQL Developer**

**Responsibilities:**

ING Insurance, a comprehensive mix of insurance through a network of trusted independent agents, brokers, and financial advisors nationwide. The Aim of the Project is to build a Data warehouse, which would integrate all Insurance data for accounting purposes. Data was coming in from different Sources, which included mainly PREMIUM, CLAIM, EXPENSES OR LOSS, CONTRACTS etc. Flat files, relational tables, excel spreadsheets were part of the source, which came in on a daily and weekly basis.

**Role and Responsibilities:**

* Performed Integration, System, Regression, Performance and User Acceptance testing of an application.
* Written Test Scripts based on the Business requirements and executed Functional testing and data validation, data reconciliation with defect correction and retesting, followed by regression and performance testing.
* Involved in gathering and analyzing the user requirements in coordination with Business.
* Identified the Facts, Dimensions, and grain of the Dimensional mode, and referential joins.
* Performed Unit, Integration, and Regression testing to validate report and mapping functionality.
* Created mappings using **PL**/**SQL** packages to implement business rules while loading data.
* Involved in extensive DATA validation using **SQL** queries and back-end testing
* Used **SQL** for Querying the DB2 database in UNIX environment
* Tested the Oracle Applications and Portals like Executive Dashboard, Drill Down, Summary Reports, Portal built on Oracle.
* Used **TOAD** Software for Querying ORACLE. And Used Teradata **SQL** Assistant for Querying Teradata
* Worked with XML transactions for multiple feeds.
* Performed quality assurance reviews on all System Development Life Cycle.
* Participated in defect review meetings with the team members. Used MS-Word for documentation.
* Involved in other test planning meetings and submitted test metrics daily to the management.
* Responsible for different Data mapping activities from Source systems to Teradata
* Performed periodic checks to run crosscheck against **QA**/**SIT**/**PROD** environments to ensure it is up and running.
* Worked with the DW Architecture team in Testing complex Delta processing Loads
* Involved in Teradata **SQL** **Development**, Unit Testing and Performance Tuning
* Performed performance tuning by optimizing Target, Source, **Mapping** and Session.
* Involved in migration of mappings / workflows from Development to Testing and to production.
* Written test scripts to compare **OLTP** vs OLAP for **ETL** testing.

**Environment:** Informatica PowerCenter8.0/7.1.3, Oracle 10g/9i, Business Objects XI, Control-M Scheduling tool, TOAD 7.5, PL/SQL, SQL\*Loader, ERWIN, UNIX