**RAJANIRMALA BUSSA**

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Senior Informatica Consultant/ Tech lead

**Summary:**

* Over 11 years of solid experience as a professional specializing in Information Technology with strong background in the areas of ETL Design and ETL development in Data Warehousing using Informatica PowerCenter.
* Extensive experience in managing teams/OnShore-OffShore Co-ordination/Requirement Analysis/Code reviews/ Implementing Standards
* Involved in implementing the end to end ETL Life cycle.
* Worked in Scaled Agile methodology, Lead Program Increment Release Planning and Sprint / Iteration Planning activities
* Design Data Architecture and Dimensional Data Modeling for new projects. Designed, developed, and tested the components using Informatica 9.6.
* Responsible for definition, development and testing of processes/programs necessary to extract data from operational databases, Transform and cleanse data, and Load it into data warehouse using Informatica Power center.
* Translated the requirements into design documents HLD and LLD.
* Designed the dimensional model like Star schema and snowflake schema
* Demonstrated expertise utilizing ETL tools and Informatica ETL package design in RDBMS systems like Oracle, MS Sql Server and Teradata
* Provided ongoing performance monitoring and tuning and production support related to Data Warehouse, Data Mart, ETL and BI Reporting environment.
* Developed database stored procedures, packages, triggers, deployment scripts, data extraction and load (ETL) scripts.
* Involved in the code review.
* Co-ordinated and worked in onsite and off-shore model.

**Technical Skills:**

**Tools:** Informatica Power Center 9.6, Tibco Spotfire 7.12.

**Databases:** Oracle, Teradata, Greenplum, Sql Server, DB2

**Operating Systems**: UNIX, Windows.

**Professional Experience**:

**GE Aviation, Cincinnati, OH, Informatica Lead**, **July’2014 – Present**

**Informatica Lead**

**Responsibilities:**

* Worked as a lead in Supply chain application which deals with the parts of the air craft engines, SHOP OTD and Supply OTD and License Monitoring tool (Open iT) comprised of two important modules license analyzer and System Analyzer.
* Created the mappings, sessions and workflows as per the requirements.
* Design Data Architecture and Dimensional Data Modeling for new projects. Designed, developed, and tested the components using Informatica 9.0 all the way through Informatica 9.6
* Responsible for definition, development and testing of processes/programs necessary to extract data from operational databases, Transform and cleanse data, and Load it into data warehouse using Informatica Power center.
* Demonstrated expertise utilizing ETL tools and Informatica ETL package design in RDBMS systems like Oracle, MS Sql Server and Teradata.
* Cleansed the source data, extracted and transformed data with business rules, and built reusable mappings, known as Mapplets using Informatica Designer
* Importing Oracle source tables through Informatica and loading Oracle targets through Informatica
* Performed extraction, transformation and loading of data from different sources like XML, FlatFiles, DB2 and Teradata in accordance with requirements and specifications
* Extracted data using scripting which includes Fast Export and Multi Load utilities. Implemented Slowly Changing Dimensions (SCDs, Both Type 1 & 2)
* Created complex Informatica mappings using Unconnected Lookup, Joiner, Rank, Source Qualifier, Sorter, Aggregator, dynamic Lookup and Router transformations to extract, transform and loaded data to ODS.
* Monitoring in Teradata View Point and checked all the tables and index columns were used in the joins
* Creating Source qualifier query and Lookup override queries based on the requirements
* Co-ordinated with the ETL testing team to fix the bugs.
* Optimized the performance tuning at mapping and transformation level.
* Setting up sessions to schedule the loads at required frequency using Power Center, Workflow manager and also using scheduling tools

**Technical Tools Used:** Windows7, Informatica PowerCenter 9.6, Teradata 15.0, Oracle 10g, Toad 9.6, Putty, WinSCP, Power Designer.

**Glaxo smith Kline, Durham, NC, Informatica Lead, March’12 - June’14**

**Informatica Developer**

eDx is a global application mainly concerned with pharmaceutical reports. The main purpose of the reports are to deal with blinded and un-blinded clinical trials throughout the world and cost cutting without fax and to create a secure system.

**Responsibilities:**

* Analyzed the design and interact with SME’s on the design to provide the estimation
* Involved in full life cycle development including Design, ETL strategy, troubleshooting Reporting, and Identifying facts and dimensions
* Worked on Dimensional Data Modeling using Data modeling Star Schema/Snowflake modeling, FACT & Dimensions tables, Physical & logical data modeling
* Importing Teradata source tables through Informatica and loading Teradata targets through informatica
* Creating connection strings and give grant access to load Teradata tables via Informatica Mocking up source table data to test all the logics which was implemented through Informatica coding
* Created complex Teradata SQL queries, Triggers with multiple join conditions by keeping eye on best performance as a goal
* Verified the source and target table DDLs are matching as per the mapping document and making necessary DDL change based on the requirements
* Develop the code based on the design and share the daily status to SME’s
* Created Unit Test Cases for the ETL Informatica mapping validation
* Worked on performance tuning by determining bottlenecks at various points like targets, sources, mappings, sessions.
* Performed the sanity check after Dev to QA migration.
* Post-Migration tasks preparation to ensure smooth migration from DEV to Production
* Walkthrough the Project to the Support Team for Production support.

**Technical Tools Used:** Informatica PowerCenter 9.5, Informatica Power Exchange 9.6.5, SQL Server 2008, Windows7, Oracle 10g, PL/SQL, TOAD, Putty, UNIX, Teradata 14, Erwin 7.5, ESP, WinSCP.

**Freddie Mac, Mclean, VA, Spotfire Developer, June’10 – Feb”12**

**Spotfire Developer**

Worked on Home affordable modification program (HAMP) is designed to help financially struggling homeowners avoid foreclosure by modifying loans to a level that is affordable for borrowers now and sustainable over the long term. This is done by interest rate reduction, fixing the interest rate, principal reduction or forbearance, and term extension.

* Created Information links, parameterization, defined join rules in Information designer.
* Created Action Controls and wrote scripts using Iron Python, performed several customization using the scripts
* Used Lists, tags and Bookmarks
* Used Filter Schemes to isolate the filter behaviors on visualizations
* Used Over statements for calculations
* Created configuration blocks in Spotfire and setting up guided analysis to carry the filter selections from one analysis to other
* Customized data by adding prompts, Filters, Calculations, by writing complex custom Oracle SQL, Summaries and Functions.
* Deliver advanced/ complex reporting solutions such as Dashboards and Standardized Reporting
* Worked on the Migration plan to move the Spotfire dashboards to Acceptance/Production and guide the end users to get the necessary access through the corresponding Active Directories
* Worked on metadata creation such as Data Source, Elements, Information link etc.
* Good knowledge on almost all type of Visualization starting from Line chart, Bar Chart, Map Chart, combination charts, Hear map.
* Created POC reports which were already created in Tableau into Spotfire and migrated and tested.
* Environment Stability & Monitored Spotfire reports which were published.

**Technical Tools Used**: Tibco Spotfire 7.12, Oracle, Teradata, Greenplum, Jira

**Capital One, Richmond, VA, ETL Developer, Jan’2006 - May’2010**

**Informatica Developer**

The primary objective of this project is to separate the Transaction engine from the GID, de-normalize the financial transaction within the GID data model for the ease of data access by various applications and create a new Transaction database**.**

* Developed complex mappings in Informatica to load the data from various sources.
* Implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Automated the Informatica jobs using UNIX shell scripting.
* Created the source to target columns sheet

**Technical Tools Used**: Informatica 9.5, Teradata, DB2, Oracle, UNIX

**Status: US Citizen**

**Qualification: BS, MBA**

**University: Gandhi Institute of Technology and Management**.