**Maheshwar Arigela**

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**SUMMARY:**

* Over 9+ years of extensively experience in Enterprise data warehousing, system Analysis, Design, Development, Testing and Implementation of Data warehouse and Enhancement and, Maintaining applications using **INFORMATICA**, **OLAP-BO-XI**, **RDBMS-ORACLE,SQLSERVER**,**Teradata**,**Flat files** and wrapped **Shell Scripts**
* Experience in all the phases of Data warehouse life cycle(**SDLC**) involving Requirement Analysis, Design, Coding, Testing, and Deployment.
* Experience in working with business analysts to identify study and understand requirements and translated them into **ETL code** in Requirement Analysis phase.
* Experience in **High Level Design**(HLD), **Detailed Design**(DLD),**ETL Mapping Specification** and **Unit Test Documentation** in the Design phase.
* Expertise in **Informatica 9.5/9.1.1/8.6.1/8.1./7.1.3** and **Business Objects** (OLAP Tool).
* Database Schema Designing **ER-modeling** and Multi-Dimensional Data Modeling (MDDM) (**Star**, **Snow Flake schema**) using **Erwin tool**.
* Excellent experience in developing **Mappings**, **Mapplets** by using various Transformations like **SQ**, **Aggregator**, **Expression**, **Filter**, **Sorter**, **Joiner**, **lookup**, **sequence generator** and **update strategy** based on the business requirements and workflows by using various tasks like session, event wait, event raise, command, email to automation of workflows and sessions.
* Experience in Informatica**performance tuning** by **Partitioning** and Identifying the bottle necks in sources, mappings, targets and sessions.
* Extensively worked with Teradata utilities: **BTEQ**, **Fast Export**, **Fast Load**, **Multi Load** and **TPT**(Teradata Parallel Transporter) to export and load data to/from different source systems including flat files.
* Extensively worked on Backend database programming using **SQL**, **PL/SQL**, **Stored Procedures**, **Functions**,**Macros**, **Indexes**, **Joins**, **Views**, **Packages** and **Database Triggers**
* Extensive experience on multiple databases: **Oracle 9i/10g/11g**, **MS-SQLServer2000/2005/2008**, **Teradata V12/13/14**, **MYSQL** and knowledge of **DB2,Sybase**, **Greenplum** and **Netezza**.
* Expertise to write the **shell scripts** and **Batch scripts** to automate the **Workflows**, **sessions** and **Jobs**
* Worked on **Universe Designer**, **Business Objects Reporting** and testing the Business Object setup.
* Knowledge in salesforcecrm and cloud computing.
* Excellent Interpersonal and Communication skills, efficient time management and organizational skills, ability to handle multiple tasks and work well in a team environment.
* Excellent Logical and Analytical Skills to solve the complex problems.
* **Non Technical profile:**
* Interface with team members and Delivery Leads on quality management
* Support the Delivery Lead on managing all demand requests and centralized processing of the customer's demand requests
* Support reviews and approvals of estimates prior to presentation to the client
* Perform sizing and work type classifications, approximates estimates, and commits those estimates with input from the appropriate delivery/capability team(s)
* Provision of Executive Analysis and Support.
* Provision of consolidated weekly project status reporting
* Maintenance of internal process documentation and provide input for client processes
* Tracking, measurement, reporting and communicating performance issues and risks
* Production and distribution of monthly External and Internal Reporting Packages

**EDUCATION:**

* Bachlors in Computers.

**TECHNICAL PROFILE:**

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| ETL Tools | Informatica Power Centre 9.5/9.1/8.x/7.x,Informatica B2B Data Transformation,Datastage 7.x(Server Jobs, Parallel jobs),MS-BI(DTS,SSIS),Oracle Data Integrator(ODI) and Talend Open Studio(open source tool). |
| Business Intelligence | Business Objects (BO–DashBoard/Deski/XI/R1/R2/6.5),Crystal Reports, Cognos, MS-Excel. |
| Programming | SQL, PL/SQL,T-SQL,UNIX Shell scripts,K-Shell,Bourne-Shell ,C, C++, .NET, VB. |
| RDBMS | Oracle 8i/9i/10g/11g, Teradata V12/13/14, MS-SQLSERVER-2000/2005/2008,mysql, DB2 V7.X/UDB, MS-ACCESS |
| Operating System | IBM-AIX, HP-UX,Solaris, Red hat Linux, MS-DOS, Windows (NT/2000/XP). |
| Tools & Utilities | TOAD,T-SQL, Erwin, Sybase Data model Tool, FileZilla, TFS Code Review Tool and VPN/CITRIX. Teradata Parallel Transporter(TPT), BTEQ, QUERYMAN, MLOAD, FASTLOAD, FASTXPORT and TPT |

**PROFESSIONAL EXPERIENCE:**

**Equity Capital Markets Nov 2012-Till Date**

**BNP PARIBAS, Jersey City, NJ**

The main reason beyond the BNP PARIBAS - **Equity Capital markets** release is to bring the **Brokers, Issuers** and **Investors** information into the centralized Data Warehouse. Perform aggregate calculations and generate reports on the Equity Data.

As a result, Client has launched efforts to build a new technology solution to migrate the exiting Oracle PL/SQL based applications into Informatica ETL Programs that will support the encounters management and submission processes.

**Responsibilities:**

* Involved in the technical design **HLD**, **DLD** Documents, Process flows and naming convention docs.
* Prepared the Mapping Estimations and daily work status tracker, Identifying the Incremental Tables,**SCD TYPE2** and **Full Load tables** and **Unit Test cases**.
* All the **ODI-ETL Jobs** are converted into **Informatica ETL Jobs** from Source to Stage and Stage to Base Layers and from Base to Bus using Oracle PL/SQL Programs which are converted into Teradata Macros.
* Extensively created Teradata Tables,Views with respect to Oracle Tables and views Definitions.
* Designing the Source to Target **ETL Mapping specification** documents with Business Requirements
* Designing & Developing the **ETL mappings** using **Informatica Power Centre Designer** by using various transformations as per the business requirements and optimizing the Sql Override Queries to **optimize** the **Session Performance**.
* Discussions with **Data modeler** and **DBA** to Create and update database Objects for the new business requirements.
* Extensively worked on **Informatica Power Center** Client Tools-Designer Tools**Source Analyzer**, **Warehouse Designer**, **Transformation Developer**, **Mapping Designer**, **Mapplet Designer**, **Workflow Manager**,**Workflow Monitor**, and **Repository Manager**.
* Extensively involved in the **Design, unit Testing and Integration Testing and prepared the unit test cases and documentation, Code Review, Peer review, Code Migration from Dev to QA and Production**
* I have developed more than **1500 Mappings and Sessions which are tested and migrated into Production in Various Modules.**
* Extensively worked on **Teradata Utilities BTEQ,FLOAD,MLOAD and TPT.**
* Extensively worked with **ET,WT,UV,ML Tables for MLOAD and ET1,ET2 and LT tables for TPT**
* Pre Delete Scripts and Sanity Scripts are implemented by using Bteq Scripts and **UNIXShell Scripts** which are automated to get the email notifications to respective users.
* Extensively worked with Terada utilities **MLOAD**,**FLOAD** and **TPT** with **Informatica**.
* I have taken **ownership** to migrate the History Data which **40TB** Oracle Data into Teradata DB using **Informatica**.
* I have alone developed **400 Mappings** and Sessions to migrate the History data.
* Extensively created the **400 Teradata tables** with compression and views with respect to oracle tables and views.
* Extensively worked on **Informatica partitions** to improve the session throughput using Teradata TPT to migrate the History Data which **40TB** was migrated into Teradata from Oracle DB
* Big Table which are more than **50GB size History Tables** are extracted by using **Informatica Session Partitions Database partitions,Key Range partitions,Hash Key Partitions by using Teradata TPT Connection to improve session throughput**.
* Big Tables are extracted incrementally with **InformaticaSession Partitions** to improve the writer throughput and using **Hints are used in sqloverride** query at Oracle Source table to improve the reader throughput and pulled into Temporary tables then inserted into main table.
* One very big history table which **1.2TB(1200GB) size** which is taken more 45Days to Extract the History data.
* Prepared Sanity scripts prepared for History migration,Unit Testing and Daily History Tracker.
* Prepared the History Table definitions with **compression and partitions**
* Teradata Table definition with **compression** is saved lot of space/memory in Teradata while Archiving the History Data in Teradata and Table **partitions** are improved the data retrieval time on big tables which more than 100GB/900GB tables size.

**Environment**: Informatica 9.5/9.1.1,ODI(Oracle Data Integrator),BO,Microstrategy,Teradata, Oracle 10g/11g,SQLSERVER 2008,T-SQL, Toad,SQL,PL/SQL, SqlDeveloper, Putty,Erwin,Redhat Linux,Window7.

**ENTERPRISE DATA WAREHOUSE Aug 2010– Oct 2012**

**Farmers Commercial Business intelligence, CA**

**Description:** Farmers Insurance is one of the top 5 Insurance Company in the United States headquartered in Los Angeles, California, USA. It is also a leading force in the Commercial and Personal Lines Insurance market, and provides invaluable Life insurance and Financial Services to millions of Americans. It is currently operating in over 41 states, servicing 10 million households with assets over $30 billion, offering attractive careers for more than 40,000 men and women.

In commercial line of business, there was lack of central data repository which contains the Quotes, Policies, WC Premium and Claims data. The primary motives for this DW solution is create a Centralized and cleansed data repository for commercial line of business (Quotes, Policies, WC Premium and Claims) and Product Data Mart for Commercial Line of Business.

WC Premium release is going bring Premium data which helps business to project the rate movement and examine product profitability.

* Gathering requirements from business and analyzing the existing system.
* Involved in the technical design **HLD**, **DLDDocuments**, **Process flows** and naming convention docs.
* Designing the Source to Target **ETL Mapping** specification documents.
* Imparting KT to new joiners on **ER architecture** and **Claims processing**.
* **Data extraction** from source systems like HTR, **oracle** and **cleansing** & **transforming** the data in staging area and finally loading the data into Target DB.
* **Designing**&**Developing** the **ETL mappings** using **Informatica Power Centre Designer** by using various transformations as per the business requirements and based on ETL Mapping Specifications.
* Discussions with **Data modeler** to Create and update database Objects for the new business requirements.
* Designing & Developing the **ETL mappings** using **Informatica Power Center Designer** based on the **ETL Technical specs** by using various transformations like **SQ**, **Expression**, **Filter**, **Aggregator**, **Sorter**, **Router**, **Update Strategy**, **Sequence generator**, **Lookup**, **Reusable transformation**,**Joiner**, **union**, **Stored procedure**, **Transaction Control** and **Mapplets**.
* Extensively worked on **Informatica Power Center** Client Tools-Designer Tools**Source Analyzer**, **Warehouse Designer**, **Transformation Developer**, **Mapping Designer**, **Mapplet Designer**, **Workflow Manager**,**Workflow Monitor**, and **Repository Manager**.
* Extensively involved in the **Design**, **Unit Testing** and prepared the unit test cases and documentation, Code Review, Peer review, Code Migration from Dev to AT to QA.

**Environment**: Informatica 8.6.1, Cognos,Oracle 9i/10g,Teradata,SQL-SERVER,T-SQL, SQL,PL/SQL,Toad, FTP, IBM-AIX, Windows-XP.

**CITIZENS BANK /RBS July2009–March2010**

In RBS project is a banking domain project, the purpose of this project is to create a single Repository at one level and build Data Marts through which business can access the data and perform required operations.

I have worked in two different modules called Basel and Spear. In Basel we have built a common repository from source to TSS (Transaction Source Staging) and then to TDS (Transaction Data Store), which contains all the information about the trades. TDS is type 2 SCD. In Spear, we have applied set of rules and regulations in order to overcome the risk like operational risk, market risk etc.

**Responsibilities:**

* Involved in the maintenance, Enhancement and Production Suppot-24/7 of the Applications.
* Discussions with Data modeler to Create and update database Objects for the new business requirements.
* Solving Day to Day Production Problems based on the severity of issues and giving excellent 24/7 support to the users.
* Designing & Developing the ETL mappings using Informatica Power Center Designer based on the ETL Technical specs by using various transformations like SQ, Expression, Filter, Aggregator, Sorter, Router, Update Strategy, Sequence generator, Lookup, Reusable transformation ,Joiner, union, Stored procedure, Transaction Control and Mapplets.
* Coordinating with DBA, System Admin, gateway team, and project manager to resolve the user’s complex issues.
* Involved in requirement gathering from clients and analysis.
* Designing and developing the ETL Mapping Specification from the Business requirements & specifications and designing the ETL Technical process.
* Data extraction from source systems, cleansing & transforming the data in staging and finally loading the data into warehouse schemas.

**Environment**: Informatica 8.1.1, BOXI-R1, Oracle 9i, SQL, PL/SQL,Toad, FTP, IBM-AIX, Windows-XP.

**Safeco-Liberty Mutual’s June 2005–June 2009**

**Description:** It is one of the biggest telecom company and providing various services to its consumers across the USA. **BETS** (Business Enterprise Transformation System)an enterprise wise initiative and responsible for Extracting and Transforming and loading data into staging area.

**Roles and Responsibilities:**

* Involved in requirement gathering from clients and analysis.
* Designed / Developed tables, views, synonyms, indexes, aggregate sql scripts, Stored Procedures, Functions, Database Triggers, Packages for ETL Processes.
* Involved in the code review, unit testing and peer review and documentation.
* Involved in the deployment of code in QA and Production Environment
* Designing and developing the ETL Mapping Specification based on the Business requirements & specifications and designing the ETL process.
* Designing & Developing the ETL mappings using Informatica Power Centre Designer as per the requirements
* Data extraction from source systems, cleansing & transforming the data in staging and finally loading the data into warehouse schemas.
* Performed efficient testing of the ETL mappings and the transformed & cleansed data in Dev and SIT environments to match the user requirements and the data quality in the warehouse.
* Designing the Mapplets, Reusable Transformations and documentation.
* Analysing the job running time and improving the performance.
* Involved in reviews, performance testing and Unit Testing.
* Extensively used Expression, Filter, Joiner, Lookup, Router, Aggregator and Update Strategy transformations. Used debugger to test the mapping and fixed the bugs.
* Created Sessions, Workflows, Link Tasks, Controls and Command Tasks using Workflow Manager and monitored the workflows using Workflow Monitor.
* Designed Business Objects Universes from identified data providers and external cubes based on reporting requirements specifications
* Created contexts and aliases to resolve conflicting multiple match paths in universe model
* Documented universes, Objects and reports
* Performed Unit tests and validates results with Business Analyst and end users

**Environment:** Informatica Power Center8.1.1, Business Objects 6.5, Flat Files, Oracle 8i, Windows 2000,Unix, TOAD, SQL, PL/SQL.