**Srijith.K**

**Professional Summary:**

* 7+ years of IT experience in Informatica Data Analysis, Data base Programming, Design and Development for various software Applications in client-server environment in providing Business Intelligence Solutions in Data Warehousing for Decision Support Systems.
* Over **Four**years of solid experience in the **Analysis, Design**and **Development of**Data warehousing solutions and in developing strategies for **Extraction, Transformation and Loading (ETL) .**
* Strong knowledge of Data Warehousing concepts and Dimensional modeling like Star Schema and Snowflake Schema.
* Extensively used ETL methodologies for supporting data extraction, transformations and loading processing, in a corporate-wide-ETL Solution using **Ab Initio/Informatica Power center 9.1/8.6.1/6.2/6.1/5.1.**
* Highly experienced in ETL tool Ab Initio in using GDE Designer. Very good working experience with all the Ab Initio**components.**
* Extensive experience in**InformaticaPower center 9.x, 8.x, 7.x**
* Expertise and well versed with various **Ab Initio Transform, Partition, Departition, Dataset and Database components**.
* Experience with **Ab Initio** **Co-Operating System**, application tuning, and debugging strategies.
* Expert in writing **UNIX Shell Scripts including Korn Shell Scripts, Bourne Shell Scripts**.
* Very good experience with **SQL Server & Oracle Databases**.
* Experience in **UNIX** shell programming.
* Expertise in understanding **Fact Tables, Dimension Tables, Summary Tables.**
* Expertise in full life cycle of **ETL** (Extraction, Transformation and Loading) using Informatica Power
* **Center** (Repository Manager, Server Manager, Mapping Designer, Workflow Manager, Workflow
* monitor).
* Experience in integration of various data sources with Multiple Relational Databases like **Oracle, SQLServer**, MS Access and Worked on integrating data from flat files.
* Excellent **analytical & problem solving and business interaction skills**.

**Technical Skills**

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| **ETL Tools** | Ab Initio, Informatica PowerCenter9.5/9.1/8.6.1/8.1/7.x |
| **Data Modeling** | Erwin 7.0/5.1 |
| **Databases** | Oracle 11g/10g, MS SQL Server 2005/2000, OLTP,Teradata |
| **Programming** | SQL, PL/SQL,SQL\*Loader, Unix Shell Scripting, C, SQL Tuning/ Optimization |
| **Environment** | UNIX,lunix, Windows 2007,Win XP |

**ProfessionalExperience:**

**Amway, Ada, MI Nov 2015– Till Date**

**Role: Informatica Developer**

**Responsibilities:**

* Analyzed business needs and documented functional and technical specifications based upon user requirements with extensive interactions with business users
* Extensively worked with the Ab Initio Enterprise Meta Environment **EME**to obtain the initial setup variables and maintaining version control during the development effort.
* Worked with data modeler to create Logical and Physical data model
* Extracted data from various sources like databases Teradata, Oracle , delimited flat files and Salesforce.com
* Conducted **ETL** development in the **Netezza** environment using standard design methodologies.
* Used **Netezz SQ**L to maintain **ETL** frameworks and methodologies in use by the company.Conducted code reviews.
* Designed and developed parameterized generic graphs.
* Designed Ab Initio graphs that would harness Teradata capabilities **ELT** and balance resources between database and Ab Initio
* Maintained necessary back-up of the important files and documented **Linux scripts** for future reference.
* Analyzed SQL explain plans to determine optimization techniques join strategy, indexes, collect stats etc. Developed Mapplets, Reusable Transformations, Source and Target definitions, mappings using **Informatica 9.1.0.**
* Extensive experience in writing **UNIX shell** scripts and automation of the **ETL** processes using UNIX shell scripting. Converted **Linux** systems from local password authentication to LDAP and NFS homes significantly increasing administrative efficiency.
* Worked on how to bring the data from salesforce.com and load into **.CSV** or Flat files.
* Responsible for the detailed design and documentation.
* Coordinated efforts with different teams and stakeholders
* Developed, tested and reviewed complex Ab Initio graphs, sub-graphs, **DML**, **Psets, XFR**, deployed scripts,**DBC**files for connectivity, create Package and exports.

**Environment:**Ab Initio, Teradata, UNIX,Informatica Power Center 9.1, Ctrl-M scheduler, Oracle 10g**,** Salesforce.com**,** SAS Marketing Automation.

**State Farm, Bloomington, IL Jul 2013 –Oct 2015**

**Role: ETL Informatica Developer**

**Responsibilities:**

* Performed role of **ETL**Developer which includes requirement analysis, design, development, testing,documentation and production deployment.
* Worked on Informatica Power Center to develop mappings, sessions and workflows.
* Built Staging layer with error checks, **WH** and Marts to enable data exchange with external systems.
* Involved working on Oracle database, designing and creating tables, relations, constraints, indexes,**PL-SQL** functions and procedures.
* Also developed **UNIX** Shell Scripts to automate the **ETL** processes.
* Extensively involved in writing **SQL** queries (sub queries and join conditions) for building and testing**ETL** processes.
* Designed mappings for Slowly Changing Dimensions(Type 1 &amp;Type 2), used Lookup (connected andunconnected), Update strategy and filter transformations for loading historical data.
* Designed ET Database backup and restore for **Netezza**.
* Deriving colocation keys for best distribution and query performance.
* **Netezza** table and database migration.
* L's using **Informatica Power Center 9.1.0** to extract data from the functional Data Marts (Sales Data Mart & Billing Data Mart) and aggregate the metrics into the SQL Server Database which would be later used to generate Executive dashboards.
* The weekly historical load of data from different geographic locations like **NA, LA, WE, CE, AAI**, **GC,NEA.** The system developed used to receive **SAP-BW** file from Gillete which was then converted intoP &amp; G standards and loaded into the **ADW** system.
* The process was designed to run on a weekly basis for all the 7 different regions. The weekly runtimings for different regions were different.
* Responsible for monitoring scheduled, running, completed and failed sessions. Involved indebugging the failed mappings, fixing &amp;re-running and developing error-handling methods.
* Performed Admin tasks like recycling the services (Repository and Integration services), purging logfiles, creating users, groups, roles, folders and assigning privileges &amp; permissions.
* Have built performance-tuned systems with maximum optimization, reusability and ease ofoperation.OLTP(On-line Transaction Processing) and OLAP(Online Analytical Programming) system will providesource data to dataware house which helps OLAP in data analysis.
* Created Function specification, High level design document (**ETL** design architecture) and Low leveldesign document and Unit Test Case, deployment and operational document.
* Role also involved leading the onshore and offshore team members, assigning and reviewing theirwork.

**Environmen**t: Informatica Power Center 8.5/8.6, Cognos, SAP, Erwin, Teradata, MQ Series, Altiris,

Oracle 10g, DB2 8.1.6/8.2.0, UNIX, Windows NT 4.0, PL/SQL, T-SQL, SQL\*Loader, SSIS, Business Objects6.0, TOAD Quest Software.

**BD Biosciences, San Jose, CA Sept 2011- May 2013**

**Role :Informatica Developer**

**Responsibilities:**

* Involved in identifying dimensions and facts to create enterprise data warehouse and model. Worked in a team for supporting and introducing Informatica into **SDLC** project development environment at Tufts.
* Converted the already existing **PL/SQL** extracts and procedures to Informatica. Built new logic and designs in mapping to help work the existing **PL/SQL** logic and rebuilt the entire process model in Informatica.
* Developed complex procedures, functions, packages, triggers, snapshots.
* Created medium to complex **PL/SQL**stored procedures for integration with Informatica using **Oracle 10g.**
* Used procedures and triggers to catch and handle exceptions at database level.
* Extracted and loaded data from flat files and Oracle sources to Oracle database using Informatica mappings.
* Created mappings using various transformations like update strategy, lookup, stored procedure, router, filter, **JAVA,SQL,** sequence generator, joiner, aggregate, and expression transformations in extracting data in compliance with the business logic developed.
* Developed complex mappings also involving **SCD** Type-I, Type-II and Type III mappings in Informatica to load the data from various sources.
* Data extraction mappings were developed in Informatica between source systems to **ODS** to Dimension data source.
* Worked in extensively testing and performance tuning of the mapping and logic. Created and worked on the unit test cases using Toad.
* Performance tuning of Oracle queries using **SQLtrace**, **SQLplan**, Quest**SQL**optimizer, Oracle partitioning, various indexes and join types.
* Tuned the mappings to perform better using different logics and checking the Cache to provide maximum efficiency and performance.
* Helped and guided other team members at **THP** through the entire development process.

**Environment:**Informatica PowerCenter 8.1.2, Oracle 10g, PL/SQL, TOAD, WINCVS, UNIX, Linux Box, Tidal Scheduling tool

**Aditri Technologies, Hyderabad, India Jun 2009- Aug 2011**

**Role : Oracle/ETL Developer**

**Responsibilities:**

* Involved in gathering business requirements, logical modeling, physical database design, data sourcing and data transformation, data loading, SQL and performance tuning.
* Involved in creating Technical Specification Document (TSD) for the project.
* Involved in the process design documentation of the Data Warehouse Dimensional Upgrades.
* Used Informatica for loading the historical data from various tables for different departments.
* Used Informatica Designer for developing mappings, using transformations, which includes aggregation, Updating, lookup, and summation.
* Involved in the development of Data Mart and populating the data marts using Informatica.
* Developed sessions using Server Manager and improved the performance details.
* Created transformations like Aggregate, Expression, Filter, Sequence Generator, Joiner, and Stored procedure transformations.
* Created reusable transformations called mapplets and used them in mappings in case os reuse of the transformations in different mappings.
* Created sessions to run the mappings.
* Created mappletsand reusable transformations to use across different mappings.
* Created Stored Procedures to transform the Data and worked extensively in PL/SQL for various needs of the transformations while loading the data.

**Environment**: Oracle RDBMS 9i, Abnitio, JAVA, SQL\*Plus Reports, SQL\*Loader, XML, Toad