**SWETHA ADLLA**

*swetha.keethu8@gmail.com*

*(802)331-0436*

**PROFESSIONAL SUMMARY:**

* Over **8years** of IT Experience in Analysis, Design, Development, Implementation and Support of Relational Database(OLTP), Data Warehousing Systems(OLAP) and Data Marts in Insurance, Financial, medical and Pharmaceutical domains.
* **6+years** of Data Warehousing in **Extraction**, **Transformation**,**andLoading** (**ETL**) **usingInformaticaPowerCenter 9.X/8.X/7.X.**
* Good understanding in Data Warehousing Methodologies using Ralph Kimball and Bill Inmon to solve the business problems.
* Well versed with Relational and Dimensional Modelling techniques like **Star Schema, Snowflake Schema, Fact and Dimensional Tables**
* Data modeling experience in **RDBMS** Concepts, Normalization, surrogate keys.
* Extensive experience in integration of various heterogeneous data sources definitions like **SQLServer**, **Oracle**, **Teradata**, **FlatFiles**, **Excel** and **XML** files loaded data in to Data ware house and Data marts using Power center.
* Knowledge of Master Data Management (**MDM**), Change Data Capture (**CDC**) and Informatica Data Quality (**IDQ**) concept.
* Worked extensively in creating complex Mappings using various transformations like Unconnected and Connected lookups, Source Qualifier, Joiner, Rank, Sorter, Router, Filter, Expression, Aggregator, Joiner and Update Strategy, Normalizer etc.
* Strong skills in **SQL**and **PL/SQL**, backend programming, creating database objects like Stored Procedures, Functions, Cursors, Triggers, and Packages.
* Well versed in developing various database objects like packages, stored procedures, functions, triggers, tables, indexes, constraints, views in **Oracle11g**/**10g**
* Worked on Performance tuning, Indexing and Partitioning techniques on Sources, Targets, Mappings, and session levels in Informatica.
* Identified bugs in existing mappings by analyzing the data flow and evaluating transformations using Informatica Debugger.
* Experienced in Code Migration, Version control, scheduling tools, Auditing, shared folders, and Data Cleansing.
* Profound knowledge in coding the **BTEQ Scripts, MLoad, Fast Load, TPUMP** to perform data load in Teradata warehouse.
* Good communication and interpersonal skills, ability to learn quickly, with good analytical reasoning and adaptive to new and challenging technological environment.
* Strong Team working spirit, relationship management and presentation skills.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **DataWarehousing** | Informatica PowerCenter 9.5/9.1/8.6 (Source Analyzer, Warehouse Designer,Mapping Designer, Mapplet, Transformations), Metadata, DataMart, OLAP, OLTP, SQL\*Plus, Business objects XI. |
| **Dimensional Data Modeling** | Dimensional Data Modeling, Data Modeling, Star Schema Modeling, Snow-Flake Modeling, FACT and Dimensions Tables, Physical and Logical Data Modeling. |
| **Databases** | Oracle 11g/10g/9i, MS SQL Server 2005/07and MS Access  |
| **Design Software** | Adobe In Design CSS 3,4,5, Adobe Illustrator, design software , Fireworks, NetBeans. |
| **Programming Languages** | SQL, PL/SQ, SQL\*Plus, Visual Basic 6.0, HTML, DHTML, C, C++, Unix Shell Scripting, XML, JavaScript, UML, PHP |
| **Tools** | TOAD, SQL Developer, SQL \*Loader, SQL \*Plus, Oracle reports developer 9i/10g, Oracle forms 9i/10g, Informatica 9.x/8.x, version control (SVN). |
| **Web Technologies** | HTML, Microsoft Internet Information Server (IIS), VB Script, Java Script, CSS, DHTML, XML, Ruby on Rails, PHP 5.0,Ajax, JQuery, |
| **Methodology** | Ralph Kimball, Inmon, Agile, Iterative, Rapid Application Development (RAD), Waterfall model, IEEE network protocols, Six Sigma, CMM, Test Script Language (TSL), Unit Testing, Integration Testing, Functional Testing, SQA Basic. |

**PROFESSIONAL EXPERIENCE:**

**Client: CVS Care mark, Nashville, TNFeb 2014 – till date**

**Role: Sr. Informatica Developer**

**Description:**CVS Caremark Corporation is an integrated pharmacy services provider, combining a pharmaceutical services company with a U.S. pharmacy chain. The main aim of the project is to store the medical claims in the DB and nightly batch jobs process/sends the appropriate insurance company using

CSR facing application. This application is used to create the medical claims for the customer who is using CVS Caremark to buy the medicines and their refills.

**Responsibilities:**

* Analysis of source systems and work with business analysts to identify study and understand requirements and translate them into ETL code
* Developed Design Document and Data Discovery according to clients’ requirement closely worked with DBA’s for performance related issues.
* Used Mapping, Session, and Workflow level parameters.
* Created Worklets in order to implement reusable logic composed of multiple sessions.
* Developed Mapplets to implement reusable transformational logic.
* Perform analysis on quality and source of data to determine accuracy of information being reported and analyze data relationships between systems.
* Extensively worked on Data Masking as well as performance tuning.
* Used ILM tool for Creation of Mapping for Data Masking, Created Rules for ILM.
* Created mappings using the Transformations like Source qualifier, Aggregator, Expression, lookup, Router, Filter, Rank, Sequence Generator, and Update Strategy.
* Used Debugger to test the data flow and fix the mappings.
* Actively involved in Performance Tuning.
* Created and monitored workflows and task using Informatica PowerCenter Workflow Manager.
* Partitioned Sessions for concurrent loading of data into the target tables.
* Created script to execute the workflow using pm cmd command in UNIX.
* Used Debugger to test the data flow and fix the mappings.
* Implemented daily and weekly audit process for the Claims subject area to ensure Data warehouse is matching with the source systems for critical reporting metrics.
* Involved in writing SQL scripts, stored procedures, and functions and debugging them.
* Prepared ETL mapping Documents for every mapping and Data Migration document for smooth transfer of project from development to testing environment and then to production environment.
* Involved in Unit testing, System testing to check whether the data loads into target are accurate, which was extracted from different source systems according to the user requirements.
* Migrated repository objects, services and scripts from development environment to production environment. Extensive experience in troubleshooting and solving migration issues and production issues.
* Actively involved in production support Implemented fixes/solutions to issues/tickets raised by user community.
* Created step by step enduser manual forend users reference.

**Environment**: Informatica PowerCenter 9.5, SQL Server 2012, Erwin 4.1, Windows XP, UNIX, Oracle 11g, Visio

**Client: Cigna Health, Denver, CO June 2012 – Jan 2014**

**Role:ETL Informatica Developer/Support**

**Description**: Cigna is a global health service company dedicated to helping people improve their health, well-being, and sense of security. PBM Data Masking Project goal is to discover and mask sensitive production data in non-production environments to meet the regulatory compliance (FTC, HIPPA, Gramm-Leach Bliley Act, and PCI) standards as per the US Federal Laws. Sensitive data extracted from legacy systems and done the masking in a reference tables then updated back to the all non-production environments including Development, Testing, and STP. Masking is done by using Informatica Power Center, ILM tool and PowerExchange.

**Responsibilities:**

* Extensively worked with the business and data analysts in requirements gathering and to translate business requirements into technical specifications.
* Hands on experience in data modeling (logical and physical) for designing and developing the Data Marts and data ware housing using multi-dimensional models like such as snow flake schema or star schema for different insurances.
* Extensive experience in extraction of data from various sources like **relational databases Oracle, SQL Server, Flat Files, MS Access & XML Files and DB2**.
* Involved in business analysis and technical design sessions with business and technical staff in ETL architecture and its design to develop Entity Relationship/data models, requirements document, and ETL specifications.
* Created mappings using transformations like source qualifier, joiner transformation, filter, update strategy, lookup transformation, rank transformations, expressions, aggregator, and sequence generator to load the data from source to Data Staging Area, Data marts and to DW in oracle.
* Developed Mapplets and Worklets for reusability and to improve performance.
* Experience in versioning the whole process and retiring the old records using the built-in's **DD\_UPDATE, DD\_DELETE, and DD\_INSERT.**
* Extensively worked on Session parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values.
* Performed triggers, stored procedures for Complex mappings, and cursors for data extraction and to carry out updates of new fields.
* Designed **seed mapping** for extracting data from source tables and **loading** into reference master tables.
* Tested the model in Development environment and successfully moved into the Test and STP environment.
* Designed and developed the logic for handling slowly changing dimension tables load by flagging the record using update strategy for populating the desired.
* Used Debugger wizard to remove bottlenecks at source level, transformation level, and target level for the optimum usage of sources, transformations, and target loads.
* Worked extensively on **SQL, PL/SQL using TOAD and UNIX Shell Scripts**
* Extensively worked in Unit testing, User Acceptance Testing to check whether the data is loading into target, which was extracted from different source systems according to the user requirements.
* Handled creation, modifications, and documentation of Oracle Packages, Procedures, Functions, and Indexes.
* Actively involved in the production support.

**Environment:**Informatica PowerCenter v9.1, 8.6, Oracle 11g, IMS Database (DB1), DB2, Teradata, SQL, Flat Files, Putty, Windows-XP (Client), Mainframe, Unix, AS/400, TOAD 9.0, MS Visio, ILM, Informatica servers on Unix and PowerExchange.

**Client: Credit Suisse, New York, NYSep 2011 – May 2012**

**Role: Informatica Developer**

**Description:** Credit Suisse (Private Banking) back office data processing is outsourced to Pershing. Pershing process all the client, account, transaction & position data for all the application and send them via nightly data feeds to Credit Suisse. As a team of the Private Banking data warehouse application we processed all the data received from nightly feeds and load them into the dimensional database. Data from the dimensional database is further processed and published to all the downstream applications.

**Responsibilities:**

* Involved in design and development of business requirements in liaison to business users and technical teams Analyzed application requirements and provided recommended design and studied the current system to understand the existing data structures.
* Participated actively in end user meetings and collected requirements.
* Used Informatica Power Center 8.1 for extraction, transformation and loading (ETL) of data in the Data Warehouse.
* Designed, developed, and documented several mappings to extract the data from Flat files and Relational sources.
* Developed Mappings including transformations: Aggregator, Joiner, Lookup (Connected & Un-connected), Filter, Update Strategy, Stored Procedure, Router, Expression, SQ and Sorter. Developed re-usable transformations, mappings and Mapplets confirming to the business rules
* Created workflows and tested mappings and workflows in development and production environment.
* Used Debugger to test the mappings and fix the bugs.
* Actively involved in performance improvements of mapping and sessions and fine-tuned all transformations.
* Involved in enhancements and maintenance activities of the data warehouse including performance tuning, rewriting of stored procedures for code enhancements.
* Performed Informatica code migration from **development**/ **QA**/ **production** and fixed and solved mapping and workflow problems.
* Performance tuning of existing stored procedures, functions, views,& SQL Queries.

**Environment:**Informatica 8.6, UNIX Scripting, Toad, Oracle 10g, Business Objects 6.5, Control-M, Data Analyzer

**Client: Inovalon, Herndon, VA Nov 2009 - Aug 2011**

**Role:Informatica/ETL Developer**

**Description**:Inovalon is a healthcare technology company that combines advanced data. Inovalon uniquely combines comprehensive data sets, expert analysis, and a nationwide capability to validate and improve gaps in care, quality or claims integrity quickly turning that insight into action and it delivers superior healthcare datasets improving clinical and quality outcomes, utilization efficiencies, and financial performance. My duty is to identify client needs and to design the data models. Also preparing test data and loading for testing, error handling and analysis.

**Responsibilities:**

* Extensively used Informatica PowerCenter for extracting, transforming, and loading databases from sources including Oracle, DB2, and Flat files. Collaborated with EDW team in, High Level design documents for extract, transform, validate, and load ETL process data dictionaries, Metadata descriptions, file layouts, and flow diagrams.
* Participated in User meetings, gathering requirements, discussing the issues to be resolved.
* Worked with business analysts, application developers, production teams and across.
* Translating user inputs into ETL design docs.
* Participate in Design Reviews of Data model and Informatica mapping design.
* Functional units to identify business needs and discuss solution options.
* Worked on dimensional modeling to Design and develop **STAR** Schemas, identifying Fact and Dimension Tables for providing a unified view to ensure consistent decision making.
* Integrated data from diverse source systems including Sales force, Siebel, MS SQL Server, and flat files using Informatica Power Center.
* Accessed to native database APIs using SQL in power exchange to provide high performance extraction, conversion and filtering of data without intermediate staging and programming.
* Performed match/merge and ran match rules to check the effectiveness on data.
* Created mappings using various Transformations like Aggregator, Expression, Filter, Router, Joiner, Lookup, Update strategy, Source Qualifier, Sequence generator, Stored Procedure and Normalizer.
* Extensively used debugger for troubleshooting issues and checking session stats and error

Logs.

* Performed validation and testing of Informatica mapping against the pre-defined ETL design standards
* Implemented Performance tuning at database level and at Informatica level. Reduce load time by using partitions and concurrent sessions running at a time
* Involved in writing SQL, PL/SQL, Stored Procedures, Triggers and Packages in Data

Warehouse environments that employ Oracle.

* Developed Interfaces using UNIX Shell Scripts to automate the bulk load, update Processes

and Batch processes Scheduled Sessions and Batches in Server.

* Writing shell scripts to automate the export data into flat files for backup and delete data

From staging tables for the given time period.

* Extensive experience in performance tuning, identifying bottlenecks and resolving to improve

Performance at database level, Informatica mappings and session level.

* Involved in the optimization of SQL queries which resulted in substantial performance

 Improvement for the conversion processes.

* Worked on Performance Testing, Works within an Oracle environment performing PL/SQL

Code development, building high performing Oracle queries, and tuning existing queries

* Used debugger in identifying bugs in existing mappings by analyzing data flow, evaluating

Transformations.

* Involved in migration of objects in all phases (DEV, INT and PRD) of project and trained

Developers to maintain system when in production

**Environment**: Informatica Power Center 8.1.1, MS SQL Server 2012, Flat files, Erwin, UNIX Shell

Scripting, Toad, Autosys, Windows 2003 Server.

**Client:Housing Development Finance Corporation, Hyderabad, India March 2008- Oct 2009**

**Role:ETL Developer/Tester**

**Description:** Housing Development Finance Corporation also called as HDFC is one of the fastest growing banks in India. HDFC launched innovative products on Investment and Retirement products Banking Application. The project objective was to maintain and migrate the data, modify the existing codesand developoracle Reports, Forms, PL/SQL packages to perform certain Specialized functions/enhancements on oracle.

**Responsibilities:**

* Worked with team to design, develop, test,and implement system.
* Created database objects like Tables, Views and Triggers, Procedures, Packages using Oracle tools like SQL Plus and Toad.
* Created PL/SQL Triggers to monitor the database activities and to implement some database constraints.
* Involved in Data Loading and Data Migration.
* Used SQL\*Loader to load data from flat/Excel file into the temporary table and developed PL/SQL program to load data from temporary table into base Tables.
* Created web based Forms and Reports.
* Modified existing codesand developedPL/SQL packages to perform Certain Specialized functions/enhancements.
* Involved in problem analysis, resolution, troubleshooting,andPerformance Tuning.
* Used Export and Import utilities to transport data from production to testing and to other databases.

.

**Environment**: Informatica Power Center 7.1, Oracle 9i, SQL, PL SQL, SQL\*Loader, TOAD

**Client:Reliance Communication Ltd, IndiaMay 2007 – Feb 2008**

**Role: Jr Pl/SQL Server Developer**

**Description:** Reliance communication is India's largest private telecomm provider; Reliance Communications Limited is presently operating Cellular Phone Services in all over India, considered as one of the best service providers of mobile telephony in India. I was involved maintaining database, Handling Performance issues, Query Optimization, Locking Issue, creating DTS Package and Documentation.

**Responsibilities:**

* Developing packages, procedures, functions, and triggers for the application.
* Using UNIX environment for performing the testing
* Performing the tests on the newly coded procedures and documenting the same.
* Writing technical documents using the functional specifications.
* Writing PL/SQL code using the technical and functional specifications.
* Creating Oracle objects like tables, types, packages, procedures and functions.
* Automated sqlldr using shell scripting.
* Automated data fetch using UNIX shell script.
* Optimized the queries to improve the performance of the application.

**Environment**: Oracle 8.3, SQL \* Plus, TOAD, SQL\*Loader, Forms 4.5 & Reports3.0 and Windows 2000 professional, UNIX shell scripting.

**EDUCATION:**

Bachelor’s in Electronics and Communication Engineering, India.