**Swathi Goud**

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**PROFESSIONAL SUMMARY:**

* Over 8+ years of experience in Information Technology with System Analysis, Design, Development, Maintenance, and Implementation.
* Experience in various stages of System Development Life Cycle (SDLC) and its approaches like Agile.
* Strong understanding of **OLTP** and **OLAP** and **Data warehousing, BI, ETL** process using Informatica Power Center (**IPC**) 9.5/9.1/8.6/8.1/7.1.3,**Power Exchange**.
* Extensive exposure on Data warehousing domain with understanding of **Dimensional Modeling**, **Star, Agile and Snowflake Schemas**.
* Strong experience in integration of various data sources like **Oracle, MS SQL Server, DB2 and Flat Files, XML Files**.
* Expert in designing ETL data flows using **SSIS**;creating mappings/workflows to extract data from SQL Server and Data Migration and Transformation from Oracle/Access/Excel sheets using SQL Server **SSIS**.
* Excellent experience with Informatica tools like **Repository Manager, Workflow Manager & Powercenter Designer and Workflow Monitor**.
* Experience in **SSIS** package experience in **DTS** Migration and Metadata Management,Migrating DTS packages to **SSIS**,package Migration Wizard, and storage Management.
* Good experience with migrating code to different environments using **Import, Export anddeployment groups**.
* Designed and developed complex ETL mappings using Source Qualifier, Application source Qualifier, XML Source Qualifier, Lookup, Filter, Expression, Router, Normalizer, Joiner, Update Strategy, Rank, Aggregator, Stored Procedure, Sorter, Sequence Generator transformation.
* Excellent experience in implementing slowly changing dimensions (**SCD1, SCD2 and SCD3**) in data warehouse
* Expertise in developing **Mappings and Mapplets, Sessions, Workflows, Worklets** and Tasks using Informatica and Creating Parallel and sequential jobs and parameter files.
* Proficiency in writing **SQL Query** in various relational databases like **Oracle, SQL Server** and **DB2**.
* Excellent experience with creating **DDL, DML** scripts and functions and **procedures, packages**.
* Expertise in **RDBMS** concepts, with hands on exposure in the development of relational database environment using **SQL,PL/SQL, Cursors, Stored Procedures, Functions and Triggers and SQL performance tuning.**
* Created UNIX shell scripts to run the Informatica workflows, control the ETL flow and manage source files.
* Experience in using **SQL developer, SQL\*Plus**, Procedures/Functions and **Performance tuning**.
* Extensively used Informatica Commands **PMCMD, PMREP, INFACMD** and **INFASETUP** to run Informatica sessions, aborting sessions and working on **repository management**.
* Strong with relational database design concepts.
* Extensive experience in managing teams/On Shore-Off Shore Coordination/Requirement Analysis/Code reviews/Implementing Standards.

**Skillset:**

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| **ETL Tools** | InformaticaPowerCenter9.x,SSIS,SSRS |
| **DW and BI Tools** | OBIEE 10.1.3.X |
| **Scheduling Tools** | Control-M, Autosys,Informatica Scheduling |
| **Languages** | SQL,MY-SQL, PL/SQL,T-SQL |
| **RDBMS** | Oracle, DB2, Teradata, SQL Server |
| **Tools/Utilities** | Toad, Perl, UNIX Shell |
| **Operating Systems** | Windows, UNIX, Linux |
| **Modeling** | Dimensions(SCD1,SCD2 AND SCD3),Schemas |

**Projects Summary:**

**La Health Care, Los Angeles, CA Feb 2015 – Till Date**

**ETL/SQL Developer**

**Responsibilities:**

* Working with business users and business analyst for requirements gathering and business analysis.
* Converted business requirement into high level and low level design.
* Designing and customizing data models for Data warehouse supporting data from multiple sources on real time.
* Worked on **Informatica Power Center 9.5 tool** - Source Analyzer, Data Warehousing designer, Mapping &Mapplets Designer and Transformation Designer. Developed Informatica mappings and in tuning of mappings for better performance.Worked on **AUTOSYS** to schedule the jobs.
* Build metadata in **OBIEE** which helps users developing reports for strategic decision making.
* Configure **DAC** for relevant **BIAPPS** in scope subject area.
* Extensively used Power Centre to design multiple mappings with embedded business logic. Managing Enterprise and Distributed Data Warehouses in Developmental and Production Environments using SQL 2005 & SQL 2000. Design, develop, test and automateExtraction Transformation & Loading (ETL) processes using **SQL Server Integration Services (SSIS 2005).** Extract the data from SQL Server 2000 to SQL Server 2005 using **SSIS** as ETL tool. Used **SSIS** as ETL Tool to extract the data from production servers to OLAP Data ware house.Used **Informatica Power Exchange(CDC)** for loading/retrieving data from **mainframe system.**
* Created ETL metadata reports using **SSRS**, reports include like execution times for the SSIS packages, Failure reports with error description.
* Created transformations like Expression, **Lookup, Joiner, Rank, Update Strategy and SourceQualifier** Transformation using the mapping designer.
* Created complex mappings using **Unconnected Lookup, Sorter**, and **Aggregator** and **Router** transformations for populating target files in efficient manner.
* Developed mappings to extract data from **SQL Server, Oracle, Teradata, SFDC, Flat files** to load into Teradata using the PowerCenter.
* Extracted data from different flat files, **MS Excel, MS Access** and transformed the data based on user requirement using Informatica Power Center and loaded data into target, by scheduling the sessions.
* Responsible in handling **Power Exchange** tasks in different regions and involved in up gradation from 9.1 to 9.6.
* Handled **CDC**job issues and involved in troubleshooting Power Exchange tasks related issues
* Extensively involved in performance tuning of the Informatica **ETL** mappings by using the caches and overriding the **SQL queries**and by using various components like. Parameter files, Variable.
* Analyzed session log files in session failures to resolve errors in mapping or session configuration.
* Written various **UNIX** shell Scripts for scheduling various data cleansing scripts, loading process and automating the execution of maps.
* Extracted data from **exce**l files,high volume of data sets from data files,**oracle** using Informatica ETL mappings/**SQL PLSQL** scripts and loaded to **PRESTG** area.
* Wrote complex **MYSQL** scripts/functions/procedures/packages.
* Experience in the execution of SQL scripts through informatica external procedure
* Written Unit test scripts to test the developed mappings.
* Involved in business documents walk through with functional teams for designing application documents, Mapping documents, data flow diagrams.
* Extensively worked with various **Active** transformations like **Filter, Sorter, Aggregator, Router, Lookup and Joiner transformations.**
* Extensively worked with various **Passive** transformations like **Expression, Sequence Generator**, **Mapplets Input** and **Mapplets Outputtransformations.**
* Created complex mappings using Unconnected and Connected look up Transformations.
* Extensively used the tasks like email task to deliver the generated reports to the mailboxes and command tasks to write post session and pre-session commands.
* Extensively used debugger to test the logic implemented in the mappings.
* Performed error handing using session logs.
* Tuned performance of Informatica session for large data files by increasing block size, data cache size and target based commit interval.
* As per business we implemented control tables to track the operations of source and target systems.
* Monitored workflows and session using **Power Center workflows** monitor.
* Used **ESP Scheduler** for scheduling the workflows.
* Implemented Slowly changing dimension Type 1 and Type 2 for change data capture.
* Worked with various look up cache like **Dynamic Cache, Static Cache, Persistent Cache, Re Cache from database and Shared Cache.**
* Involved in monitoring jobs and analyzing the reason for the failure discussing with client and design strategy to solve issue.
* Managed enhancements and coordinate with every release.
* Extensively worked with **Teradata Fast load** utility to load huge tables for initial loads and truncate and load.
* Worked with **Teradata multi load** utility for insert, update or incremental loads.
* Used **Teradata BTEQ** for writing scripts in Teradata database.

**Environment:** Informatica power center 9x,OBIEE 10.1.3.4, SSIS,SSAS, Oracle 11g, PL/SQL, SQL, MYSQL,Teradata 14, Facets, Auto sys, Erwin, Unix/Linux.

**US Bank, Denver, CO Feb 2013 –Jan 2015**

**ETL BI Developer**

**Responsibilities:**

* Involved in extracting the data from the Flat Files and Siebel data into staging area.
* Implementing Slowly Changing Dimension (**SCD type I, II**) design for the Data Warehouse
* Developed several Complex Informatica Mappings, Mapplets and Reusable Transformations for other mappings.
* Developed **PL/SQL** procedures for processing business logic in the database and use them as a Stored Procedure Transformation
* Tuning of **SQL Queries, Procedures, Functions and Packages** using **EXPLAIN PLAN**.
* Used BTEQ and SQL Assistant (Query man) front-end tools to issue SQL commands matching the business requirements in Teradata RDBM.
* Expertise in working in SSIS environment and Oracle Essbase/Hyperion to extract data and loading the data.
* Extracted data from source systems to a staging database running on **Teradata** using utilities like **Multi Load and Fast Load**.
* Extensively worked in the performance tuning of programs, **ETL** procedures and processes. Error checking and testing of the **ETL** procedures and programs using Informatica session log
* Involved in fixing invalid Mappings, Unit and Integration Testing of Informatica Tasks, **Workflows** and the Target Data.
* Created and scheduled Sessions, Jobs were scheduled in DAC based on demand, run on time and run only once.

**Environment:** Informatica 9.5, Teradata 13, SSIS, Oracle 11g/10g, Siebel, Oracle DAC, OBIEE 10g, Windows Server 2008.

**Centene St. Louis, MO Jan 2012 - Dec 2013**

**Informatica Developer**

**Responsibilities:**

* Used **Informatica Power Center** for Extraction, Transformation and Loading data from heterogeneous source systems into the target data base.
* Experienced in the use of agile approaches, including Extreme Programming, Test-Driven Development and Scrum
* Extensive experience with Healthcare, Energy and Media domains.
* Extensively worked with Teradata utilities like **BTEQ, Fast Export, Fast Load, Multi Load** to export and load data to/from different source systems including flat files.
* Worked on patient ally applications for claim processing.
* Designed, developed, debugged and tested SSIS packages, Stored Procedures, configuration files and implement best practices packages to maintain optimal performance.
* Developed SQL Server Integration Services (SSIS) packages to automate the nightly extract transform and load jobs.
* Highly motivated and goal-oriented individual with a strong background in SDLC Project Management and Resource Planning using **AGILE** methodologies.
* Created Informatica maps using various transformations like **XML, HTTP transformation**, Source Qualifier, Expression, Look up, Store procedure, Aggregate, Update Strategy, Joiner, Union, Filter and Router.
* Involved in migration projects to migrate data from data warehouses on Oracle/DB2. and migrated.
* Performance tuned and optimized various complex SQL queries.
* Created Pre/Post Session and SQL commands in sessions and mappings on the target instance.
* Responsible for **Performance tuning** at various levels during the development.
* Identified performance issues in existing sources, targets and mappings by analyzing the data flow, evaluating transformations and tuned accordingly for better performance.
* Used stored procedures to create a standard Time dimension, drop and create indexes before and after loading data into the targets for better performance.
* Developed shell scripts, PL/SQL procedures, for creating/dropping of table and indexes of performance for pre-and post-session management.
* Responsible for migrating the workflows from development to production environment.
* Worked using Parameter Files, Mapping Variables, and Mapping Parameters for Incremental loading.
* Managed post production issues and delivered all assignments/projects within specified time lines.

**Environment:** Informatica Power center 9.5/8.6.1, Oracle 10g, SQL server 2008, LINUX, LSF (Job scheduling), UNIX shell scripting, SSIS, SAS Enterprise guide and MS Visual studio (TFS) for version control, IDQ, Toad, RDBMS.

**Tetrapak, Denton,TX Nov 2010 - Dec 2011**

**Informatica Developer**

**Responsibilities:**

* Gathered requirements from the end users and Involved in analysis of source systems, business requirements and identification of business rules.
* Involved in the Data Warehouse Data modeling based on the client requirement.
* Responsible for developing, support and maintenance for the **ETL** (Extract, Transform and Load) processes using Informatica Power Center.
* Extracted sources from **flat-files, Oracle, SQL Server** and load them into Oracle.
* Responsible for creating system design and detail design documents based on the requirement document provided by the business users.
* Provides strategic thinking, leadership pertaining to new ways of leveraging information to improve business processes.
* Experienced in database design, data analysis, development, **SQL performance tuning, datawarehousing** ETL process and data conversions.
* Based on the logic, developed various Mappings & Mapplets to load data from various sources using different transformations like Source Qualifier, Expression, Filter, Router, Update strategy, Sorter, Lookup, Aggregator, Joiner in the mapping. Also, developed Error Processing to capture the error records and loads them into Message Log table.
* Worked with Stored Procedure Transformation for time zone conversions.
* Created **UNIX** scripts to automate the activities like start, stop, and abort the Informatica workflows by using **PMCMD** command in it.
* Provided production support including error handling and validation of mappings.
* Addressed and track requests for system enhancements, improvements from end users/customer and resolved production issues.
* Extensively used Debugger Process to modify data and applying Break Points while Session is running.
* Used various Informatica Error handling techniques to debug failed session.
* Responsible for migrating the folders or mappings and sessions from development to test environment and Created Migration Documents to move the code from one Environment to other Environment.

**Environment:** Informatica 8.6, UNIX, Windows, Oracle 10g, PL/SQL, MSSQL 2008R2, SQL, Flat Files and CSV, Shell Scripting, Putty, PL/SQL Developer

**Apollo Hospitals, Hyderabad, India Aug 2008 - July 2010**

**ETL Developer**

**Responsibilities**:

* Analyze project plan to gather the business requirement.
* Designed and Customized data models for Data Mart supporting data from multiple sources on real time.
* Extract data from flat files, **Oracle, SQL Plus, MS SQL** Server 2008 and to load the data into the target database.
* Extensively used **Informatica Power Center** an ETL tool to extract, transform and load data from remote sources to **DW**.
* Created Complex mappings using transformation like **Filter, Expression, Joiner, Aggregator, Router** and **Stored Procedure transformations** for populating target table in efficient manner.
* Developed complex joins in the mappings to process data from different sources.
* Used Informatica debugging techniques to debug the mappings and used session log files and bad files to trace errors of target data load.
* Developed workflowtasks like reusable **Email, Event wait, Timer, Command, Decision**.
* Performed unit testing of Informatica sessions, batches and the target Data.
* Involved in performance tuning of mappings, transformations and (workflow) sessions to optimize session performance.
* Effectively utilized shared/ persistent caching techniques and incremental aggregation strategies to improve performance.
* Designed and developed **UNIX** shell scripts as part of the pre-session and post-session command to automate the process of loading, pulling, renaming and pushing data from and to different servers.
* Designed and developed **SQL, PL/SQL** and **UNIX** shell scripts.

**Environment:** Informatica power center, Oracle 9.x/10g, Flat Files, UNIX, MS SQL Server 2008, SQL, PL/SQL, and SQL PLUS

**Education:**

Bachelors of Technology Jawaharlal Nehru Technological University.