**Sudheer**

**Sr. ETL/Informatica Developer**

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**215-692-7729**

**PROFESSIONAL SUMMARY**

* Over 8 years of IT experience, involved in complete SDLC including Requirement Analysis, Data Analysis, Application Design, Application Development, Implementation, Maintenance and Testing of Applications in Data warehousing and OLAP.
* Experience on ETL tool Informatica PowerCenter 7.x, 8.x, 9.x (Repository Manager, Mapping Designer, Workflow Manager, Mapplet Designer, Workflow Monitor, Source Analyzer, Transformations Designer, and Warehouse Designer).
* Good experience working on various Data Warehousing/DataMarts, Data Integration, Data Migration, Data Consolidation, Data Conversion, Cube/Analytics.
* Have RDBMS concepts experience in Teradata 13.x/14.x/15.x, Oracle 11g/10g, IBM DB2 8.0/7.0, MS SQL Server 2005/2008, Flat Files, Sybase, COBOL files, XML files and Netezza**.**
* Strong experience in Extraction, Transformation, Loading (ETL) data from various sources into Data Warehouses and Data Marts using Informatica PowerCenter, Power Exchange, PowerConnect, etc.
* Expertise in OLTP/OLAP System study, developing Database schemas like star schema, snow flake schema Dimensional Data Modeling used in relational, dimensional modeling and slowly changing dimensions (SCD)**,** Worked broadly with CDC.
* Experience on stream mode Mainframe using IBM MQ Series real-time CDC data using PowerCenter, Power exchange and XML sources using XML source qualifier.
* Experience with ODS (Operational Data Store) to integrate data from different heterogeneous data sources in order to facilitate operational reporting in real-time or near real-time
* Hands on experience in Performance Tuning of sources, targets, transformations and sessions
* Experience in debugging mappings. Identified bugs in existing mappings by analyzing the data flow and evaluating transformations
* Extensive experience in developing Stored Procedures, Functions, Views and Triggers, Complex SQL queries using SQL Server, TSQL and Oracle PL/SQL.
* Experience using Teradata utilities like BTEQ, Fast Load, Multi Load, Fast Export, T pump, Visual Explain, Query man, Teradata parallel Transporter.
* Very strong in Shell Scripting (KSh, Bourne Shell) and scheduling using CTRLM
* Expertise in doing Unit Testing, Integration Testing, System Testing, and Data Validation for Developed Informatica Mappings.
* Experience in designing, documenting, and executing test plans, test harness, test scenarios/scripts & test cases for manual, automated& bug tracking tools
* Experience in using IDQ tool for profiling, applying rules and develop mappings to move data from source to target systems
* Experience in UNIX/LINUX working environment, writing UNIX/LINUX shell scripts and batch scripting in windows environment
* Worked in 24/7 Production support team for maintaining the mappings, sessions and workflows to load the data in Data warehouse.
* Experience in working both Waterfall & Agile Methodologies
* Worked with the various versions of Cisco Tidal, CA Autosys, WCC, and EEM in varied environments consisting of LINUX and Windows**.**
* Excellent analytical, communication, interpersonal and leadership skills. Proficient in technical writing and presentations and a good team player.
* Ability to work independently or as part of a team to accomplish critical business objectives and to make decisions under pressure.

**TECHNICAL SKILL:**

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| **RDBMS / Databases** | Teradata 13.x/14.x/15.x, Oracle 10g/11g, MYSQL, MS SQL Server, DB2, Netezza, Sybase |
| **Languages** | C, C++, PL/SQL, TSQL, JavaScript, Unix Shell Script, COBOL. |
| **Operating Systems** | Windows, UNIX, LINUX, IBM Mainframes. |
| **Data Modeling Tools** | Erwin Data Modeler 8/7/5, Toad Data modeler, Star Schema Modeling, Snow - flake Schema Modeling, Rapid SQL, TOAD. |
| **ETL Tools** | Informatica PowerCenter 7.x, 8.x, 9, 10, Informatica PowerExchange, Informatica Developer IDQ 9.1/9.5.1, SAP Data Services 4.1/4.2 |
| **Business Intelligence Tools** | Tableau, Qlikview, Micro Strategy, Cognos, SSIS, OBIEE, Business Objects, SSRS, SSAS |
| **Utilities** | Quest Toad for Oracle, Teradata Utilities, Oracle Utilities, Aqua Data Studio 8.x, SQL Developer, MS SQL Server Enterprise Manager |
| **Schedulers** | Cisco Tidal, Autosys, UC4, CDC, CMC. |

**EDUCATION**

**Bachelor of Technology in Information Technology**

BIET, Hyderabad, India.

**PROFESSIONAL EXPERIENCE**

**AmerisourceBergen, Chesterbrook, PA Jan'16 to Present**

**Sr.Informatica developer**

**Responsibilities:**

* Involved in creating Informatica mapping to populate staging tables and date warehouse tables from various sources like flat files, XML files, DB2, SQL sources.
* Analyzed the source data coming from SQL, DB2, XML, flat files and loading into Teradata warehouse. Worked with Data Warehouse team in developing Dimensional Model.
* Extensively used the reusable transformation, mappings and codes using Mapplets for faster development and standardization.
* Created and configured Workflows, Worklets, and Sessions to transport the data to target warehouse Teradata tables using Informatica Workflow Manager.
* Developed mappings to load Fact and Dimension tables, SCD Type 1 and SCD Type 2 dimensions and unit tested the mappings.
* Created Data Quality DWH used in dashboard developed by Qlikview for the metrics like total record counts, distinct counts, distinct fields, count of null, referential checks etc., based on the rules being applied on each attributes level of the inbound raw data at the staging.
* Designed various tasks using Informatica Workflow Manager like session, command, email, event raise and event wait
* Worked on multiple projects using Informatica developer tool IDQ of latest versions 9.1.0 and 9.5.1.
* Involved in migration of the maps from IDQ to power center, Applied the rules and profiled the source and target table's data using IDQ
* Extensively worked on performance tuning techniques and also on identifying the source, target bottlenecks.
* Created variables and parameters files for the mapping and session so that it can migrate easily in different environment and database.
* Developed and tested thoroughly Informatica mappings/workflows as per technical and functional specs provided.
* Design, Development, Testing, Peer reviews and implementation of Informatica PowerCenter components
* Integrated the developed Data Warehouse into OBIEE administration tool for reporting purpose, Involved in building Physical, Business and presentation layer through OBIEE administration tool.
* Used Unix Command and Unix Shell Scripting to interact with the server and to move flat files and to load the files in the server.
* Worked on Tivoli to schedule Informatica jobs.
* Worked mainly on maintenance bug fixes on existing Informatica Mappings to produce correct outputs.

**Environment:** Informatica PowerCenter 10/9.6/9.5, Autosys, Teradata 15.x, Oracle 11g, Micro Strategy, OBIEE 11g, JavaScript, Qlikview, IDQ 9.1/9.5.1, Unix Shell Script, SQL Server 2012, DB2, Windows, UNIX, WinScp, Unix Flat Files, Tivoli.

**Toyota, Torrance, CA Aug'14 to Dec'15**

**Sr. ETL/Informatica Developer**

**Responsibilities:**

* Coordinated cross-functional team efforts in meeting and exceeding goals.
* Experience with requirement gathering, preparation of Engineering Requirement Specification document.
* Worked on creating Informatica mappings with different transformations like lookup, SQL, Normalizer, Web Services, XML, HTML, Aggregator, SQ, Joiner, Expression, Router etc.
* Created and configured Workflows, Worklets, and Sessions to transport the data to target warehouse Teradata tables using Informatica Workflow Manager.
* Created variables and parameters files for the mapping and session so that it can migrate easily in different environment and database.
* Developed Source to Target Mappings using Informatica PowerCenter Designer to load data from various source systems like Oracle, MS SQL server, Teradata and Flat files to target database, implementing the business rules
* Designed various tasks using Informatica Workflow Manager like session, command, email, event raise, event wait and so on.
* Used the update strategy to effectively migrate data from source to target. Created mappings and mapplets using various transformations of Lookup, Aggregator, Expression, Stored procedure, Sequence Generator, Router, Filter, and Update Strategy.
* Troubleshooting and debugging of defects and production issues in the areas of SQL Informatica and OBIEE 11g/10g.
* Used Informatica IDQ to check and apply data quality rules.
* Used IDQ to complete initial data profiling and matching/removing duplicate data.
* Worked extensively on QlikView (Qlikview desktop/ extract layer only), created complex queries, wrapped them under QVW (qlikview worksheet) to load the data into qlikview in-memory and create QVD (Qlikview data file) that would be further used by join and qlikview user interface layers.
* Hands on experience in data warehousing techniques such as data cleansing, Surrogate key assignment, Slowly Changing Dimensions SCD Type 1 and Type 2 and Change Data Capture (CDC)
* Worked on creating the generic batch mechanism process and audit controls.
* Extensively worked on performance tuning techniques and also on identifying the source, target bottlenecks.
* Worked on SFTP, FTP file transfer scripts.
* Client Interaction and Coordination with teams across development centers spread geographically.
* Performed and documented impact analysis of the business requirement changes.
* Prepare unit and integration test plans, code review, testing, debugging (using Debugger) and deployment of Informatica jobs into production environment.
* Providing guidance, instruction, code review and leadership to the offshore team for development, testing, quality control and deployments
* Identify, evaluate and ensure appropriate mitigating actions and plans are in place for all projects risks, assumptions, dependencies and escalations to senior managers with suggested mitigating actions.

**Environment:** Informatica PowerCenter 9.5, Tidal, Teradata 14.x/15.x, Oracle 11g, OBIEE 11g/10g, Perl, JavaScript, Qlikview, SQL Server 2012, DB2, IDQ, Windows, UNIX, WinScp, Unix Flat Files, HP QualityCenter.

**JPMorgan CHASE, Wilmington DE Apr'13 to Jul'14**

**Sr. ETL/Informatica Developer**

**Responsibilities:**

* Analyzed the Business Requirement Documents (BRD) and laid out the steps for the data extraction, business logic implementation & loading into targets.
* Responsible for Impact Analysis, upstream/downstream impacts.
* Created detailed Technical specifications for Data Warehouse and ETL processes.
* Used Informatica as ETL tool, and stored procedures to pull data from source systems/ files, cleanse, transform and load data into the Teradata using Teradata Utilities.
* Knowledge of working on Data warehouses and Data marts.
* Create Exclusion Reports with SSRS for all the fallout providers.
* Worked on Informatica- Source Analyzer, Warehouse Designer, Mapping Designer & Mapplet, and Transformation Developer.
* Worked with **Informatica**Data Quality (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ.
* Used most of the transformations such as the Source Qualifier, Expression, Aggregator, Filter, Connected and Unconnected Lookups, Joiner, update strategy and stored procedure.
* Extensively used Pre-SQL and Post-SQL scripts for loading the data into the targets according to the requirement.
* Very strong knowledge of Informatica Data Quality transformations like Address validator, Parser, Labeler, Match, Exception, Association, Standardizer and other significant transformations.
* Developed mappings to load Fact and Dimension tables, SCD Type 1 and SCD Type 2 dimensions and Incremental loading and unit tested the mappings.
* Implemented the business rules and extracted the data from various sources such as SQL Server CA Secure and EPDS R6(DB2) loaded the required data into flat files as per the specifications.
* Full lifecycle exposure to Data Warehouse projects and Data marts with Star and Snowflake Schemas.
* Involved in Initial loads, Incremental loads and Daily loads to ensure that the data is loaded in the tables in a timely and appropriate manner.
* Extensively worked in the performance tuning of Teradata SQL, ETL and other processes to optimize session performance.
* Created reports using BI reporting tool Qlikview and involved in developing report using Qlikview and developed tabular matrix, parameterized chart reports.
* Loaded data in to the Teradata tables using Teradata Utilities Bteq, Fast Load, Multi Load, and Fast Export, TPT.
* Worked extensively with different Caches such as Index cache, Data cache and Lookup cache (Static, Dynamic and Persistence) while developing the Mappings.
* Created Reusable transformations, Mapplets, Worklets using Transformation Developer, Mapplet Designer and Worklets Designer.
* Integrated the data into centralized location. Used migration, redesign and Evaluation approaches.
* Responsible for Unit Testing, Integration Testing and helped with User Acceptance Testing.
* Tuned the performance of mappings by following Informatica best practices and also applied several methods to get best performance by decreasing the run time of workflows.
* Worked extensively on Informatica Partitioning when dealing with huge volumes of data and also partitioned the tables in Teradata for optimal performance.
* Scheduling Informatica jobs and implementing dependencies if necessary using Autosys.
* Managed postproduction issues and delivered all assignments/projects within specified time line

**Environment:** Informatica Power Center 9.6.1/9.5.1, Oracle 11g, DB2, IDQ, Teradata, Flat Files, Qlikview, Unix Shell Script, Erwin 4.1.2, SQL Assistant, Toad, WinScp, Putty, Autosys, UNIX.

**L.A. Care, Los Angeles, CA Apr'11 to Feb'13**

**ETL/Informatica Developer**

**Responsibilities:**

* Designed the Data model and Load strategy to get data from different systems and use it for the Online Registration database.
* Prepared the Technical Specs, Reverse Engineered Logical designs using Erwin, Flow  
  diagrams and Timeline sheets to facilitate development of Informatica Flows.
* Implemented Star Schema for denormalizing data for faster data retrieval for Online  
  Systems.
* Designed and Developed Mappings, sessions and workflows in Informatica.
* Extracted, transformed data from various sources such as Flat files, Oracle 11g and  
  transferred data to the target data warehouse Oracle 11g and XLS files.
* Created Autosys jobs for scheduling.
* Responsible for Pre and Post migration planning for optimizing Data load performance,  
  capacity planning and user support.
* Performed migration of mappings and workflows from Development to Test and to  
  Production Servers.
* Partitioned sources and used persistent cache for Lookup’s to improve session performance.
* Worked extensively on complex mappings using source qualifier, joiner, expressions, aggregators, filters, lookup and update strategy transformations
* Worked closely with QA team during the testing phase and fixed bugs that were reported.
* Worked with Data/Data Warehouse Architect on logical and physical model designs.
* Performed impact analysis for systems and database modifications.
* Designed and developed Informatica Mappings to load data from Source systems to ODS and then to Data Mart.
* Review, verify and validate requirements, designs the data validation test suite.
* Design, implementation and documentation of test cases and addition of these test cases to the automated test scenarios.
* Design, develop and maintain/enhance the QA automation scripts.
* Defect prevention through early involvement with project teams.
* Identify, evaluate and ensure appropriate mitigating actions and plans are in place for all projects risks, assumptions, dependencies and escalations to senior managers with suggested mitigating actions.

**Environment**: Informatica PowerCenter 9.5/9.1, Oracle 11g/10g, OBIEE 10g, Informatica PowerExchange, Sybase, SQL Server, XML, Flat Files, Autosys, Toad, HP Unix, IBM Mainframes, Shell Scripting.

**Expedia, Seattle, WA Aug'10 to Mar'11**

**Informatica Developer**

**Responsibilities:**

* Extensively used Informatica PowerCenter for extracting, transforming and loading data from relational sources and non-relational sources.
* Implemented Staging Area to improve performance for OLAP and OLTP systems.
* Extensively used various transformations such as Source Qualifier, Expression, Lookup, Sequence Generator, aggregator, Update Strategy, and Joiner while migrating data from various heterogeneous sources like Oracle, DB2, XML and Flat files to Oracle.
* Developed Informatica mappings, re-usable transformations, re-usable mappings and mapplets for Data Load.
* Built and load data from external source (ERP) using Informatica PowerExchange.
* Designed and Created data cleansing, data conversion, validation and External loading scripts like MLOAD and FLOAD for Teradata warehouse using Informatica ETL tool.
* Used Erwin for Logical / Physical data modeling and Dimensional Data Modeling, and designed STAR Schemas
* Involved in error handling, performance tuning of mappings, testing of Stored Procedures and Functions, Testing of Informatica Sessions, and the Target Data.
* Experienced in loading data into Data Warehouse/Data Marts using Informatica, Teradata Multi load, Fast load and BTEQ utilities**.**
* Handled slowly changing dimensions of Type 2 to populate current and historical data to Dimensions and Fact tables in the data warehouse.
* Designed complex UNIX scripts and automated it to run the workflows daily, weekly and Monthly.
* Setting up and Sessions and Workflows to schedule the loads at required frequency using PowerCenter Workflow manager.
* Created connected and Un-Connected transformations to lookup the data from Source and Target Tables.
* Monitoring the ETL jobs and fixing the Bugs.
* Monitored the ETL Production Jobs and coordinated with offshore team to delegate tasks and monitor the day-to-day progress status and resolve the technical bugs and issues.
* Involved in doing Unit Testing, Integration Testing and System Testing.

**Environment:** Informatica PowerCenter 8.6.1/8.1,Teradata, Informatica PowerExchange, ERWIN, Oracle 10g, DB2, XML, Flat files, SQL, PL/SQL, Autosys, Sybase, Oracle, Unix shell Script.

**EA Sports, Hyderabad, India Sep'08 to Jun'10**

**Informatica Developer**

**Responsibilities:**

* Installed and configured Repository to handle metadata for ETL process in Informatica 6.2/7.1.2
* Created Source and Target Definitions through Informatica Designer for Extraction, Transformation and Loading process.
* Integrated data sources into the Staging area in the Data warehouse for Cleansing purpose.
* Involved in building of the Data Warehouse which included the designing the Data Mart and building the Star Schema.
* Performance tuning of the Informatica mappings using various components like, Parameter files, Variables and Dynamic Cache
* Worked on transformations like Lookups, Aggregator, Update Strategy, Stored Procedure, Sequence generator, Joiner transformations
* Involved in development of various mappings using Informatica against the fact to summary tables.
* Created Reusable Transformations and Mapplets to use in Multiple Mappings.
* Created Sessions and Workflows using Informatica Workflow Manager for data movement through Mappings.
* Interacted with Senior Management to identify key Dimensions and Measures for business performance.
* Wrote Stored Procedures using PL/SQL for Incremental updates.

**Environment:** Informatica PowerCenter 7.1.2, Oracle 10g/9i, Teradata, MS SQL Server 2000, Flat Files, Oracle, SQL, PL/SQL, Windows 2000.