**Varsha Jaladi**

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**PROFESSIONAL SUMMARY**

* Over 8+years of experience in Information Technology withSystem Analysis, Design, Development, Maintenance, and Implementation.
* Comprehensive knowledge of Software Development Life Cycle (SDLC), Waterfall development process, Agile- SCRUM development methodology.
* Strong understanding of OLTP andOLAPand Datawarehousing and ETL process using Informatica Power Center(IPC) 9.5/9.1/8.6/8.1/7.1.3.
* Exposure in Dimensional Data Modeling based on Ralph Kimball and Bill Inman methodologies and designing Star Schema, Snowflake schema with Fact and Dimensions.
* Understand the business rules completely based on High Level document specifications and implements the data transformation methodologies.
* Strong experience in integration of various data sources like Oracle, MS SQL Server, DB2 and Flat Files,XML Files.
* Excellent experience with Informatica power center tools like Repository Manager, Workflow Manager & Power center Designer and Workflow Monitor.
* Excellent exposure into Informatica Installation, Configuration and Administration.
* Good experience with migrating code to different environments using Import,Export and deployment 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.
* Experience working with Hadoop and Java Files for data integration.
* Strong Knowledge on Bid data integration and CRM tools like Salesforce integration.
* 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 Queries 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.
* Excellent experience in Unittesting, Systemtesting and User Acceptance Testing and Documentation.
* Extensive experience in managing teams/On Shore-Off Shore Coordination/Requirement Analysis/Code reviews/Implementing Standards.

**Skillset:**

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| **BI Tools** | Business Objects- XI,OBIEE (10G, 11G),Crystal Reports,Tableau. |
| **ETL Tools** | Informatica Power Center (10x/9x/8x), Informatica IDQ, Repository Admin Console, Repository Manager, Designer, WorkflowManager, Workflow Monitor. |
| **Scheduling Tools** | Control-M, Autosys,Crontab/Unix, Quality Center |
| **Languages** | C, Java, SQL, PL/SQL,Hive |
| **RDBMS** | Oracle(11g/10g/9i), IBM DB2, Teradata (13,14), SQL Server, SQL assistant. |
| **Tools/Utilities** | Toad, Perl, UNIX Shell Scripting, MS-Excel, Erwin 4.0/3.5, MS Visio, Oracle SQL Developer, Salesforce, Bigdata |
| **Operating Systems** | Windows, UNIX, Linux |
| **Web Technologies** | HTML, CSS, XML, JAVA SCRIPT |

**Projects Summary:**

**PepsiCo Inc, Plano, TX Nov 2015–Till Date**

**Informatica Administrator/Developer**

**Environment:** Informatica powercenter 9x, IDQ 9x, Oracle 11g, PL/SQL, SQL,Teradata 14, Facets, Auto sys, Hadoop,Erwin,Unix/Linux.

**Responsibilities:**

* Developed complex SQL queries to develop the Interfaces to extract the data in regular intervals to meet the business requirements.
* Extensive Experience working in an Agile Environment and ability to manage change effectively.
* Responsible for the client SDLC, including design, development, testing and production support.
* Extensively used Power Centre to design multiple mappings with embedded business logic.
* Created transformations like Expression, Lookup, Joiner, Rank, Update Strategy and Source Qualifier Transformation using the mapping designer.
* Extracted Data from FACETS Database.
* Created complex mappings using Unconnected Lookup, Sorter, and Aggregator and Router transformations for populating target files in efficient manner.
* 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.
* Worked on different data sources like facets, Medco, tasks included cleansing the data, providing the claims data coming from facets into a flat file in the desired format.
* Scheduled the tasks using ESP scheduler.
* 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.
* Developed mapplets and rules using expression, labeler and standardizer transformations using IDQ.
* Deployed code from IDQ to power center.
* 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, Mapplet Input and Mapplet Output transformations.
* Created complex mappings using Unconnected and Connected Lookup 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.
* Experience working with Hadoop files for big data Integration.
* 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.

**Hudson Bay, St. Louis, MO Feb 2014–Oct 2015**

**ETL Developer**

**Hardware/Software:** Informatica power center 9.6, Teradata 13, Oracle 11g/10g, Siebel, Oracle DAC, OBIEE 10g, Windows Server 2008.

* 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.
* Extracted data from source systems to a staging database running on Teradata using utilities like Multiload 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.
* Coordinated the project tasks with the team and ensured that the projects are completed on time.
* 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.
* Experience working with debugger to test the business logic that are implemented in mappings.
* Worked with mapplets to create business logic which can be re-usable with different mappings.
* Created Pre/Post Session and SQL commands in sessions and mappings on the target instance.
* Worked on Autosys Scheduling Tool for Scheduling and Monitoring of jobs.
* Extensively involved in ETL testing, Created Unit test plan to test the mappings, created test data.
* Design, Development, Testing and coordination with Offshore Team.
* Involved in writing SQL scripts for unit and functional testing.
* Documentation for the Informatica processes, naming conventions and best practices
* Extensively involved migration process of Informatica, UNIX, Databases and Autosys changes to Production.
* Worked with Stored Procedure Transformation for time zone conversions.
* Addressed and track requests for system enhancements, improvements from end users/customer and also 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 another Environment.

**Capital Group Companies, Irvine, CA Mar 2013- Jan 2014**

**Informatica Developer**

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

**Responsibilities:**

* Used Informatica Power Centerfor Extraction,Transformation andLoading 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.
* 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 those to Teradata.
* 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-andpost-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.

**BMC Healthcare,Boston,MA Jan 2011 -Feb 2013**

**Informatica Developer**

BMC Healthcare is a non-profit organization providing healthcare services. Project individually splits into subprojects. It provides wide-range ofimpatient, clinical and diagnostic services in more than 70 years of medical specialties.This project will deal with data warehouse development team, Business, Customers and analysts to perform operational data sources. Here it defines the overall support of data warehouse. It consists of ETL module for file loading up to QDF, perform QDF refresh and History restatement and VI Reports to generate tracker reports for QDF data validation failures.

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

**Wipro Consulting Technologies, India Nov 2009 -Nov2010**

**Application ETL Developer**

The objective of the ISIS LA project is to address the business need to view indirect shipments data for Latin America market. Two web OSA cubes for internal and external products would be delivered to enable adhoc reporting for the region. The ISIS LA application will leverage the backend INSTANT XP validation and mapping capabilities (Designed for ISIS Asia application) for mapping local customers, distributors and Product Codes to global codes. Weekly and Monthly Validation Interface reports will also be developed for ISIS LA application.

**Environment:**Informatica Power Center 8.6, Oracle9i, Teradata v2r6, SAP, SAP BI 7.0, SQL Server, Sun Solaris.

**Responsibilities:**

* Responsible for design and development of Sales Data Warehouse.
* Involved in Requirement discussion, preparing Technical Requirement Document.
* Involved in complete life cycle of ETL process for data movement from Concorde System to Staging and finally to data base.
* Extensively used Power Center/Mart to design multiple mappings with embedded business logic.
* Analyzed critical/complex processes of application packages to design ETL processes and adopted strategy to prevent failures and acted swiftly to recover from application failures.
* Implemented Shell Scripts to use FTP, SQL Loader utilities.
* Transformations like Sequence generator, Lookup, Joiner and Source qualifier transformations in Informatica Designer to effectively utilize Informatica services.
* Supported the Informatica developers in Database Server Performance, tracking user activity, troubleshooting errors, tracking server resources and activities, tracing server events.
* Implemented industry best practices ex Mapplets
* Involved in performance tuning of the Informatica mapping using various components like Parameter files, Variables and Dynamic Cache.
* Documenting the ETL design specifications and mappings and maintaining the version control.
* Involved in migration of Informatica mapping from Development to Production environment.

**Apollo Hospitals, Hyderabad, India Aug2008 -Oct2009**

**ETL Developer**

**Environment:** Informatica powercenter,Oracle 9.x/10g,FlatFiles,UNIX,MS SQL Server 2008, SQL, PL/SQL, and SQL PLUS

**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.

**Education:** Bachelor of Electronics and Computer Engineering from Koneru Lakshimaiah College of Engineering.