

Jyothi Modugu

Mobile: +1(972)653- 2121

Gmail: modugujoyothi12@gmail.com

ETL Developer & Tester**SUMMARY**

- 9+ years of professional IT experience in Datawarehouse Development, Production support and Migration Products which includes ETL design, requirement gathering, Data Analysis, Development, Testing, UAT, Production support and Enhancements.
- Experience in Banking, Pharmaceutical, Telecom, Health Care and Manufacturing Sectors
- Proficient with ETL tools Informatica Power center, Oracle warehouse Builder and various Databases Oracle, SQL Server and reporting tools like Power BI, SAP BOBJ, Tableau.
- Proficient in Design and Development of process required to extract, Transform, Load data to the data warehouse using Informatica Power Center 10.x/9.x/8.x/7 x with various Databases
- Experienced in Star Schema and Snowflakes schema modelling, facts and dimension table design. Extensively worked in large scale data loading from text files and performance improvements
- Strong experience in working with SQL Server, Oracle, Teradata and Mainframe.
- Designed and developed mappings to move data from multiple sources Flat files, oracle, Teradata, sales force, SAP and SQL server into a common target area such as Data Marts and Data Warehouse using lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Normalizer, Sequence Generator, and Update Strategy from varied transformation logics in Informatica
- Extensively worked on creation of Informatica mappings, Mapplets, sessions, worklets, workflows, parameter files, Mapping parameters, Mapping variables and batch processing in varies layers like Stage, TEMP, ODS, Datamart and DWH.
- Have experience in integrating Various Data Sources like Oracle, SQL Server, RDS and Salesforce using Informatica, snowflake using informatica.
- Strong experience writing PL/SQL coding, SQL complex queries.
- Strong hold on UNIX/LINUX scripting and commands
- Experience in Agile methodology, Jira, Service-now, Sprints, Kanban boards
- Having experience on migration project using snowflake, Informatica
- Experience in Onsite/Offshore model and handle the team
- Ensure timely and accurate handling of incident and request tickets within prescribed SLAs

TECHNICAL SKILLS:

ETL Tools: INFORMATICA 10x/9x/8x, OWB 11g

Databases: Oracle 10g, MS SQL Server14.0, Snowflake

Operating systems: UNIX/LINUX, Windows XP/2003 Server

Scheduling Tools: Redwood, Control-M, CA7 workload Automation

Programming Languages: SQL, PL/SQL

Database Utilities and IDE: Toad, SQL developer, SQL server Management Studio, Eclipse

Code Migration/Versioning tools: Udeploy, Artifactory

Report Tools: SAP Business Objects, Power BI
Testing Tools: JIRA, Quality Center, HP ALM

EDUCATION:

JNT University
Bachelor of Technology (BTECH)

EXPERIENCE:

PNC Bank,USA
Senior Developer

12/2021 to Present

- Interact with LOB team on a regular basis to understand the business requirements for the development..
- Interacted with end-users and functional analysts to identify and develop Business Specification Documents (BSD) and transform it into technical requirements.
- Strong experience with Informatica tools – Source Analyzer, Warehouse designer, Mapping designer, Mapplet Designer, Transformations Developer, Informatica Repository.
- Enhance the ETL process/data checks as a part of new improvements.
- Day to day support activities such as job failures and Batch process failures
- Handling data/fatal/performance issues and communicate with Down/upstream systems Management/LOB
- Handling Month end Process which is critical for SSM application to generate the reports.
- Generate the report for Threshold jobs which are part of EDW source system
- Handling the Production deployments and Batch processing Deployments
- Handling the CAB meeting which are involved all the SSM related CR's
- Handling the Pre- Process validations for month end Process
- Communicate with the CTB team on on-going projects and doing impact analysis on performance
- Extensively worked with Informatica - Source Analyzer, Warehouse Designer, Transformation developer, Mapplet Designer, Mapping Designer, Workflow Manager, and Workflow Monitor to develop various complex mappings, mapplets, reusable transformations, session tasks and Workflows.
- QA/QC checks using PL/SQL procedures and informatica workflows
- Responsible for Activities such as Access Reviews, System Health Check Reports.
- Responsible for all KTLO activities such as Production Failures, Production Issues (Incidents/SRs) and Adhoc Requirements/Analysis from Business as Onsite Co- coordinator. Answer questions from business users on data related queries within the SLA time with resolution.
- Batch processing automated using CA7 scheduling tool

Technology / Tool used: Informatica 10.2/10.4, SQL Server 11.2, Oracle 11g, Flat files, CA7 Workload Automation12.1, UNIX, LINUX, Windows, Mainframe

7.1.4, UDeploy (IBM UrbanCode Deploy), JFrog Artifactory, SQL, PL/SQL, ServiceNow, JIRA

OLAM USA
Senior Developer

06/2019 to 11/2021

- Interact with Client on a regular basis to understand the business requirements for the development and enhancement
- Designing the data model and ETL jobs based on the requirements from the Client.
- Develop the ETL skeleton and provide the design to teammates for development
- Responsible for the development of several mappings and workflows in Informatica as per the design to load the data from different sources such as Oracle, Flat files, TBDP and SQL Server.
- Extensively worked with Informatica - Source Analyzer, Warehouse Designer, Transformation developer, Maplet Designer, Mapping Designer, Workflow Manager, and Workflow Monitor to develop various complex mappings, maplets, reusable transformations, session tasks and Workflows.
- Capture the CDC changes using Power Exchange
- Responsible for testing of all the mappings to ensure that data is populated correctly and ensured the quality of mappings by following all coding and naming standards given by the client by creating aqua reports.
- Batch processing to Stage, ODS and DM layer based on the triggers
- QA/QC checks using PL/SQL procedures and informatica workflows
- Responsible for process improvements and automated the post load
- Responsible for Activities such as Access Reviews, System Health Check Reports.
- 24x7 production support.
- Responsible for all KTLO activities such as Production Failures, Production Issues (Incidents/SRs) and Adhoc Requirements/Analysis from Business as Onsite Co- coordinator. Answer questions from business users on data related queries within the SLA time with resolution.
- Developed Event-Association Spark process for processing and persisting Customer association and Event data.
- Developed Vehicle-Association Spark process for processing and persisting Vehicle data from Vehicle Master to TBDP
- Covert the ETL logic to Spark (Scala program) to load the data to TBDP
- Creating standards for column names, table/view names and organizing DB objects. Followed standards at each and every level to accomplish accurate results. This includes Informatica standards, Code walkthroughs, migration check list etc
- Batch processing automated using scheduling tools

Technology / Tool used: Informatica 10.2/10.4, Power Exchange (CDC capture), Spark Apache3.0(using Scala), SQL Server 11.2, Oracle 11g, Flat files, Redwood, Power BI, Hive, Databricks, AWS, Snowflake, PostgreSQL,Rally.

OLAM USA
Senior Developer

05/2015 to 11/2018

- Gathering the requirement from client
- Design the ETL process
- Doing the impact analysis
- Involving the complex mappings development
- L2 support for Live Issues
- Handling the peer review and test cases reviews
- Performance Tuning
- Code Assessment for Bugs
- Unit testing
- Handling the Deployment Activities
- Extensively worked with Informatica - Source Analyzer, Warehouse Designer, Transformation developer, Maplet Designer, Mapping Designer, Workflow Manager, and Workflow Monitor to develop various complex mappings, maplets, reusable transformations, session tasks and Workflows
- Performed extraction, transformation and loading of data from various heterogeneous sources like Oracle, SQL Server, MY SQL, Flat Files, etc and loaded into Data Marts (Oracle,) using Informatica
- Used workflow monitor to monitor the jobs, reviewed session/workflow logs that were generated for each session to resolve issues, used Informatica debugger to identify issues in mapping execution.
- Designed and developed complex mappings to move data from multiple sources DB2, oracle, PostgreSQL, into a common target area such as Data Marts and Data Warehouse using lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Normalizer, Sequence Generator, and Update Strategy from varied transformation logics in Informatica.
- Created Dashboards using Tableau

Technology / Tool used: Informatica 8.6.1, Websphere TX 8.2, Cognos 8/10, AppworxV8, Oracle 11g, Flat files, Java, PL/SQL, UNIX and Windows 2003, Tableau.

Medtronics, USA
Senior Developer

12/2013 to 04/2015

- Handling All KTLO activities such as Production Failures, Production Issues (Incidents/SRs) and Adhoc Requirements/Analysis from Business as Onsite Co- coordinator.
- Handling for several BI applications for production support
- Handling the System Owner Activities such as Access Reviews, System Health Check Reports ect...

- Working with Business Analysis team in gathering the requirements and created Functional and ETL specification documents.
- Create proof of concepts in Informatica and BOBJ tools and drafted SOW's inline to business requirements.
- Preparing high level design documents like RTM, RS and DS based on business requirements
- Lead the ETL Development and production support team of 7 members for new and existing ETL code changes.
- Extensively worked with Informatica - Source Analyzer, Warehouse Designer, Transformation developer, Mapplet Designer, Mapping Designer, Workflow Manager, and Workflow Monitor to develop various complex mappings, mapplets, reusable transformations, session tasks and Workflows.
- Performed extraction, transformation and loading of data from various heterogeneous sources like Oracle, SQL Server, MY SQL, Flat Files, etc and loaded into Data Marts (Oracle, Teradata, Paracel) using Informatica
- Created mappings using pushdown optimization to achieve good performance in loading data into Oracle and Teradata.
- Used Informatica and Hive to load data in to Hadoop HDFS.
- Extracted data high volume of data sets from Salesforce.com (SFDC) using Informatica ETL mappings/SQL PLSQL scripts and loaded to Data Warehouse.
- Involved in system testing, performance and System Integration testing stages of the project
- Worked with DBA to set up the DEV and QA environment and various users and roles
- Identified long running jobs and implemented various performance tuning techniques to mitigate the bottlenecks
- Creating standards for column names, table/view names and organizing DB objects. Followed standards at each and every level to accomplish accurate results. This includes Informatica standards, Code walkthroughs, migration check list etc
- Development of Web Intelligence Reports using Info View
- Creation of Hyperlinks in Reports for Report linking and used Report chaining
- 24x7 production support
- Batch processing to Stage, ODS and DM layer based on the triggers

Technology / Tool used: Informatica 9.6.1, Informatica IDQ 9.6.1, SQL Server 11.2, Teradata 14.0, Oracle 11g, Amazon RDS, S3, BOBJ 4.1, Flat files, UNIX, Salesforce.

Eli Lilly, UK
ETL Tester

07/2012 to 11/2013

- Facilitated meetings with clients and a group of business partners to understand the needs and requirements of the new system, prioritized and organized these requirements in a systematic fashion, evaluated and compared potential solutions.
- Reviewed ETL processes, functionality & identify test requirements and coverage.

- Prepared Test cases and scripts based on client requirements in HP Quality Center.
- Wrote very complex SQL to validate several BI Reports. Conducted Functionality testing during various phases of the application using QTP.
- Used the SQL Plus tool to write SQL commands in the Oracle database. Coordinated with source system owners, day-to-day ETL progress monitoring, Data warehouse target schema design (Star Schema) and maintenance.
- Tested the reports generated by and verified and validated the reports using SQL.
- Involved in validating the reports layouts based on Report Layout Document
- Creation and execution of test cases on Oracle Reports. Tested several reports for data quality, Report testing.
- Managed and conducted System testing, Integration testing, and Functional testing.
- Extracted data from various sources like Oracle, flat files and SQL Server. Worked on SQL scripts to load data in the tables in the test environment.
- Used SQL tools like TOAD to run SQL queries and validate the data loaded into the target tables Tracked the defects using the Quality Center tool and generated defect summary reports.
- Uploaded test cases from excel documents to Quality center, and validate the same using Quality Center. Involved in extracting the test summary from Quality Center.
- Mapped to-be-moved data from source to target database-using Stages to do the functionality.
- Tested of Data Mapping documents between source and target databases as per the transforming logic.
- Created various PL/SQL stored procedures for dropping and recreating indexes on target tables.
- Reviewed Test cases and scripts based on client requirements Performed Manual Functional, User Interface test, and Regression test. Involved in the Execution of test cases to verify actual results against expected results.

Technology / Tool used: Informatica 8.6.1, WebSphere TX 8.2, Cognos 8/10, AppworxV8, Oracle 11g, Flat files, Java, PL/SQL, UNIX and Windows 2003.

ELI LILLY- UK
Developer

08/2011 to 06/2012

- HLD Preparation
- Design the RIA, Function Points based on the Story/CR
- Developing the maps using informatica power center and OWB.
- Design the Applications/Dashboards/Reports Scheduling and enhancements
- Code Assessment
- Providing information to customers with data analysis work.
- Handling the deployment activities

- Performance Tuning
- Unit testing
- Supporting for LIVE issues

Technology / Tool used: OWB 11g, Oracle APEX 3.2, Oracle 10g, UNIX and Windows 2003, SAP Business Objects XI 3.0, SAP BODS.