**ETL Developer**

**Himabindhu Eddula**

**Phone: 720-927-4613**

**Email:** [**msatya@quantomtech.com**](mailto:msatya@quantomtech.com)

|  |
| --- |
| SUMMARY |

* 11+ years of experience in leading, designing, developing, maintaining, and building large business applications such as data migration, integration, conversion, data warehouse, and testing.
* ETL lead experience using Informatica Power Center 10x (Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet Designer, Mapping Designer, Repository Manager, Workflow Manager, Workflow Monitor and Informatica Server).
* Worked on the ETL process using Informatica Power Center 10.x/9.x/8.x/7. X, Informatica Data Quality (IDQ), Informatica Intelligent Cloud Services.
* Strong understanding of DB Concepts and have worked on Oracle and SQL servers.
* Expert in all phases of Software development life cycle (SDLC) – Project Analysis, Requirements, Design Documentation, Development, Unit Testing, User Acceptance Testing, Implementation, Post Implementation Support and Maintenance.
* Business Requirements review, assessment, gap identification, defining the business process, delivering project road map including documentation, initial source data definition, mapping, detailed ETL development specifications, and operations documentation.
* Expertise in data warehousing, ETL architecture, and Metadata development.
* Good Knowledge of data modeling and data analytical concepts.
* Expertise in tuning the performance of mappings and sessions in Informatica and determining the performance bottlenecks.
* Defined master data entities, attributes, and relationships.
* Experience in creating pre-session and post-session scripts to ensure timely, accurate processing and balancing of job runs.
* Experience in integration of various data sources like SQL Server, Oracle, Tera Data, Flat files, DB2, and SAP.
* Experience in complex PL/SQL packages, functions, cursors, triggers, views, and materialized views.
* Expert in troubleshooting/debugging and improving performance at different stages like database, workflows, and mapping.
* Used Informatica Power Exchange for loading/retrieving data from mainframe system.
* Documented ETL processes, data mappings, and transformations.
* Develop ETL mappings using Informatica Intelligent Cloud Services (IICS) by creating various transformations as appropriate using aggregator, look-up, joiner, filter, sequence generator, normalizer, sorter, router, and stored procedures in Data Integration.
* Closely worked with the report team to meet the client's requirements.
* Involved in writing Unit test cases for complex scenarios.
* Experience in creating UNIX shell scripts.
* Experience includes thorough domain knowledge of life sciences Banking, healthcare information technology, Insurance & Reinsure, Pharmacy claims systems, Telecommute Industry.
* Enthusiastic and goal-oriented team player possessing excellent communication, interpersonal skills and
* Leadership capabilities with a high level of adaptability.

|  |
| --- |
| TECHNICAL SKILLS |

|  |  |
| --- | --- |
| Data warehousing | Informatica Power Center 10X,8.X, Informatica Intelligent Cloud Services (IICS/IDQ), Power Exchange for DB2, Metadata Reporter Data Profiling, Data cleansing, OLAP, OLTP, Star & Snowflake Schema, FACT & Dimension Tables, Physical & Logical Data Modeling |
| **ETL Tools** | Informatica Power Center 10.x/9.x/8.x/7.x, IICS Data Integration , Application Integration, Snowflake, IBM AWS |
| **Databases** | SQL Server, Oracle, Teradata, My SQL, DB2, SAP |
| **Data Modeling** | TABLEAU |
| **BI Tools** | Business Objects. |
| **Languages** | XML, SQL, T-SQL, PL/SQL, UNIX Shell Scripting |
| **Operating System** | HP-UX, Sun Solaris, SCO-UNIX, LINUX, Windows |
| **Other Tools** | Jira, Autosys, Control M |
| **MDM Tools:** | Informatica MDM |

|  |
| --- |
| EDUCATION |

* **Bachelor of Science in Mathematics at SV University in 2005**
* **Master of Computer Application at Audisankara college of engineering and technology**

**in 2008**

|  |
| --- |
| PROFESSIONAL Experience |

**Delta Airlines, Aug 2023 to Till Date**

**Sr. Informatica Developer**

* Developing new ETL and enhancements and modify existing code using Informatica Power Center.
* Involving in design & develop Tool level migration solutions from PC to IICS.
* Working on cleanse, transform, and manipulate data using IICS Data Integration service.
* Involving in schedule and monitor IICS workflows.
* Working on performance tuning like PDO and Partitioning.
* Working independently to develop, configure, and unit test programs from specs (source to target mappings).
* Working closely with data architects, reporting team and application team on ETL development efforts.
* Designing and document ETL solutions for projects, estimate work effort and provide status of tasks.
* Providing technical support for the administration and production support of Informatica.
* Providing first and second level troubleshooting, and baseline and operational support.
* Adhere to best practices and methodologies for ETL development team.
* Working as a Lead, guide, and mentor the junior developers.
* Used Informatica Power Exchange for loading/retrieving data from mainframe system.
* Presented all work in design and code review sessions to team members.
* Prepared documents that describe, and support code developed.
* Identifying improvements to the data warehouse environment. Work with the team to implement these solutions.
* Escalate issues to the right party when required.
* Worked closely with the Informatica development team for code migrations on a daily basis, perform other admin activities.

**Environment:** Informatica Power Center 10.2, IICS/IDMC, Informatica Power Exchange ,Data Integration service, Oracle PLSql, Tera data, UNIX, AUTOSYS, MKS.

**ABBOTT, Cognizant Dec 2020 -Dec2022**

**Sr. Informatica Developer**

* Collaborate with business analysts and stakeholders to gather and clarify data requirements.
* Extracted master data from disparate source systems using Informatica PowerCenter.
* Integrated master data from various sources into the MDM repository.
* Created IICS Data Synchronization Jobs to load data to Snowflake.
* Used Integration Templates to create reusable mappings in IICS.
* Develop and maintain ETL (Extract, Transform, Load) processes using Informatica PowerCenter.
* Data profiling for the prod data importing and validating the changed business rules.
* Perform data validation and quality checks to ensure the accuracy and reliability of data.
* Troubleshoot and resolve data integration issues promptly.
* Create and maintain technical documentation related to ETL processes.
* Reviewing the ETL Mapping sheet and identifying the test scenarios.
* Experience in Dimensional Modelling in creating various data marts like Star and Snowflake Schema, Identifying Facts and Dimensions (SCD Type I, SCD Type II), and Physical and logical data modeling.
* Migrate the code into the higher environments using MKS.
* Analyzed the data using TABLEAU.
* Responsible for creating and maintaining database Architecture documents for PL/SQL ETL Framework.
* Worked closely with database architects, and the Cognos report team preparing the report queries to fulfill the Client's requirements.
* Set up the scheduling and do the maintenance in the production.
* Created understanding documents for modules that are added and modified.

**Environment:** Informatica Power Center 10.2, Toad for Oracle, Putty for UNIX, WinSCP for files, Informatica TDM for data profiling, AUTOSYS for scheduling, TABLEAU, MKS for migrating into higher environments.

**Client: Genuine Parts Company, Atlanta, GA Feb 2019 –Aug 2020**

**ETL Informatica developer**

* Participate in design and analysis sessions with business analysts, source-system technical teams, and end users.
* Worked on Informatica Power Center tool - Source Analyzer, Data warehousing designer, Mapping &Mapplet Designer and Transformation Designer.
* Designed and developed ETL processes based on business rules, job control mechanism using Informatica Power Center.
* Implemented ETL Informatica designs and processes for loading data from the sources to target warehouse.
* Involved in Designing the Data warehouse using Informatica ETL tool by using Source Analyzer, Warehouse Designer, Mapping Designer & Mapplet and Transformations.
* Design the overall ETL/ELT strategy in Informatica defining the logical, physical schemas and design decisions to support efficient real time data integration.
* Developed mappings to load into staging tables and then to Dimensions and Facts.
* Developed Informatica Mappings to populate the data into dimension and Fact tables for data classifications to end developers.
* Developed ETL procedures to transform the data in the intermediate tables according to the business rules and functionality requirements.
* Documentation of Technical specification, business requirements, functional specifications for the development of Informatica Extraction, Transformation and Loading (ETL) mappings to load data into various tables.
* Release management of the ETL jobs (Informatica mappings) across environment repositories using Informatica Repository Manager.
* Optimized the ETL mappings performance to load data efficiently and utilizing the ELT approach and implementing Push down optimization/pass through to load data efficiently.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Informatica Designer. Used Type 1 SCD and Type 2 SCD mappings to update slowly Changing Dimension Tables.
* Created Stored Procedures to transform the Data and worked extensively in PL/SQL for various needs of the transformations while loading the data.
* Proficient in Agile development and Scrum methodology.
* Tested data and data integrity among various sources and targets.

**Environment:** Informatica Power Center 10.2, SQL Server, Azure, Jitterbit, Toad for Oracle, Putty for UNIX, WinSCP for files, Informatica TDM for data profiling, AUTOSYS for scheduling, TABLEAU, MKS for migrating into higher environments.

**ECOLAB, ST Paul- MN Mar2016- Oct 2018**

**ETL Informatica developer**

* Worked closely with the client and offshore team to consolidate the work daily.
* Develop and maintain ETL (Extract, Transform, Load) processes using Informatica PowerCenter.
* Reviewed the ETL Mapping sheet and identified the test scenarios.
* Written Test Cases for ETL to compare Source and Target database systems.
* Created DDL scripts to create database schema and database objects like tables, stored procedures, views, functions, and triggers.
* Developed test scenarios/scripts and data requirements for Consigned Inventory
* Involved in the scrum sprint planning, Demo, and Retrospectives.
* Attended the scrums daily & updated the scrum board and coordinated with the team for the completion of requirements.
* Created understanding documents for some modules covered that included.
* Logical and Physical data modeling was done using Erwin for the data warehouse database in STAR SCHEMA.
* Implemented Agile scrum methodology and performed agile testing & requirements based functional, integration,
* system, database, regression testing, and involved in user acceptance testing-related QA activities.
* Screenshots and detailed descriptions which would facilitate smooth knowledge for team members & other teams.
* Attending Business reviews and walkthroughs of flow diagrams along with business users to discuss the various

"Business-critical" flows

* Supporting client team post-release for future enhancements and change requests that add Value to business and end users.
* Work closely with development daily to communicate issues/observations found during the test execution.

**Environment:** Informatica Power Center 10.1, IDQ 10.1, Informatica MDM 10.0, Informatica Cloud (IICS), ICRT (Informatica Cloud Real Time), SQL Server, Azure, Jitterbit, Salesforce, Snowflake, Netezza, AWS EC2, AWS Redshift, SQL, PL/SQL, Oracle Database 11g, SQL server, Toad for Oracle, Unix Shell scripts.

**JPMC, Cognizant Dec2012 -Sep 2014**

**Associate/ ETL Developer**

* Created new mappings according to business rules to extract data from different sources and transform and load target databases.
* Debugged the failed mappings and fixed them.
* Conducted Database testing to check constraints, field size, Indexes, Stored Procedures, etc.
* Defects were tracked, reviewed, and analyzed.
* Modified the mappings according to the new changes and implemented persistent cache in several mappings for better performance.
* Involved in Dimensional modeling (Star Schema) of the Data warehouse and used Erwin to design the business process, dimensions, and measured facts.
* Developed MDM Hub Match, Merge rule’s Batch jobs, and Batch groups.
* Implemented various Performance-tuning techniques on Sources, Targets, Mappings, and Workflows.
* Involved in writing stored procedures and shell scripts for automating the execution of jobs in pre- and post-sessions to modify parameter files and prepare data sources.
* Designed Fact tables and Dimension tables for star schemas and snowflake schemas using the ERWIN tool and used them for building reports.
* Identified the issues in sources, targets, mappings, and sessions and tuned them to improve performance.
* Created and used reusable applets and works to reduce redundancy.
* Developed robust Informatica mappings and fine-tuned them to process a lot of input records.

**Environment:** Informatica Power Center, Teradata, Oracle, SQL, PL/SQL, SQL\*Loader, Informatica MDM 10.0, Informatica Cloud (IICS), Toad, UNIX Shell Script, Win XP, Business Objects.

**Wind Stream, Prodapt July2010 -Oct 2012**

**ETL Developer**

* Used Informatica Workflow Manager to create, schedule, execute, and monitor sessions, workouts, and workflows.
* Debugged the failed mappings and fixed them.
* Involved in creating Dimensions using Star and Snowflake Schema in SQL Server Analysis Services (SSAS).
* Conducted Database testing to check constraints, field size, Indexes, Stored Procedures, etc.
* Defects were tracked, reviewed, and analyzed.
* Created MDM mapping and configured match and merge rules to integrate the data received from different sources.
* Modified the mappings according to the new changes and implemented persistent cache in several mappings for better performance.
* Identified the issues in sources, targets, mappings, and sessions and tuned them to improve performance.

**Environment:** Oracle, Informatica Power Center 8., Informatica MDM, UNIX, Control M, Toad, SQL, PL/SQL, Flat files, Unix Shell Scripting and Business objects, Windows Servers.

**Century Link, Patni (Abyss Horizon) Jan2010 -May 2010**

**ETL Developer.**

### Responsibilities:

* Prepared the S2T documents.
* Conducted Database testing to check constraints, field size, Indexes, Stored Procedures, etc.
* Defects were tracked.
* Modified the mappings according to the new changes and implemented persistent cache in several mappings for better performance.
* Involved in writing stored procedures and shell scripts for automating the execution of jobs in pre- and post-sessions to modify parameter files and prepare data sources.
* Identified the issues in sources, targets, mappings, and sessions and tuned them to improve performance.

**Environment:** Informatica power center, Oracle9i, SQL, PL/SQL, Solaris, MS Vision, MS-Access

power center, Oracle, SQL, PL/SQL, Solaris, MS Vision, MS-Access.