

Name: **Sruthi**

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Professional Summary:

- Having 6 years of IT experience with expertise in Analysis Design Development Testing and implementation of Data warehouse, Data marts with ETL OLAP Tools using Informatica Power Center v10.x, 9.x, 8.x, Power Exchange, Data Quality, Oracle 11g/10g/9i, SQL Server.
- Expert knowledge in domains like Healthcare, Retail, Telecom and Insurance systems.
- Extensive ETL experience using Informatica PowerCenter 10.x/9.x/8.x (Designer, Workflow Manager, Workflow Monitor, and Server Manager).
- Extensively worked on transformations such as Source Qualifier, Joiner, Filter, Router, Expression, Lookup, Aggregator, Sorter, Normalizer, Update Strategy, Sequence Generator, and Stored Procedures, etc.
- Hands-on experience in identifying and resolving performance bottlenecks in various levels like sources, mappings, and sessions.
- Hands-on experience in optimizing SQL scripts and improving performance and loading into the warehouse.
- Deployed workflows as an application to run them and tuned the mappings for better performance.
- Experience in Extraction, Transformation, and Loading of data from different heterogeneous source systems like Flat files (Fixed width & Delimited), XML Files, UDB, Excel, Oracle, Sybase, and MS SQL Server.
- Worked with Dimensional Data warehouses in Star and Snowflake Schemas, created slowly changing (SCD) Type 1/2/3-dimension mappings
- Experience in coding using Oracle 11g/10g/9i/8i, SQL Server 2000/2005/2008, SQL, PL/SQL procedures, functions, triggers and exceptions.
- Experience in the creation and maintenance of entity objects, hierarchies, entity types and relationship objects in MDM.
- Good knowledge of estimates and planning of development work using Agile methodology.
- Usage of Informatica mapping variables/parameters and session variables where necessary.
- Experience in implementing update strategies, incremental loads.
- Experience in scheduling the batch jobs using workflow designer, Autosys, control-M, Zena, Cron Tab.
- Developed Batch Jobs using UNIX Shell scripts to automate the process of loading, pushing and pulling data from different servers.
- Developed UNIX scripts using PMCMD utility and scheduled ETL load using utilities like Autosys, CRON tab, etc.

• **Technical Skills:**

ETL Tools	Informatica Power Center 10.1/9.1/8.x/7.x/6.x, Power Exchange 9.1/8.x/7.x, Informatica Data Quality, Power Mart 5.x (Source Analyzer, Data Warehouse Designer, Mapping Designer, Mapplet, Transformation Developer, Repository Manager, Workflow monitor)
Data Modeling	MS Visio, ER Diagrams
Databases	Oracle 12C/11g/10g/9i/8i, Sybase, DB2, MS SQL Server, Teradata
DB Tools	Oracle SQL Developer, SQL*Loader, Toad, Oracle SQL*Plus
Operating Systems	Windows 98/2003/2000/XP/7/NT, UNIX, MS-DOS
Scheduling Tools	Informatica Scheduler, Skybot, Autosys, Control M, DAC
Languages	SQL, PL/SQL, UNIX, HTML, XML, C, C++, Java
Office Suite	MS Word, MS PowerPoint, MS Excel, MS Access

Methodologies/Data	Modeling Tools Data Mart, Dimensional, Snow Flake, Star Schema, ERWIN
Other Tools	Tableau, UML Tools, HP ALM

Professional Experience:

Client: Humana Inc, Dallas, TX

**Role: ETL Informatica Developer
2023 to Current**

Duration: Dec

About Client: Humana Inc. operates as a health and well-being company in the United States. The company offers medical and supplemental benefit plans to individuals. It also has a contract with Centers for Medicare and Medicaid Services to administer the Limited Income Newly Eligible Transition prescription drug plan program; and contracts with various states to provide Medicaid, dual eligible, and long-term support services benefits.

Responsibilities:

- Involved in all phases of SDLC from requirement gathering, design, development, testing, Production, user training and support for production environment.
- Performed data validation after the successful End to End tests and appropriate error handling in ETL processes.
- Responsible for mapping and transforming existing feeds into the new data structures and standards utilizing Router, Lookups Using Connected, Unconnected, Expression, Aggregator, Update strategy & stored procedure transformation.
- Used Informatica as an ETL tool to create source/target definitions, mappings and sessions to extract, transform and load data into staging tables from various sources.
- Outlined the complete process flow and documented the data conversion, integration and load mechanisms to verify specifications for this project.
- Worked with PowerCenter Designer tools in developing mappings to extract and load the data from flat files and SQL server database.
- Maintained warehouse metadata, naming standards and warehouse standards for future application development.
- Developed Parameter files for passing values to the mappings as per requirement.
- Worked with various complex mapping, designed slowly changing dimension Type1 and Type2.
- Performance tuning of the process at the mapping level, session level, source level, and the target level.
- Responsible for ETL support and Maintenance across all worldwide operations using SQL Server Integration Services (SSIS)
- Created Workflows containing command, email, session, decision and a wide variety of tasks.
- Responsible for identifying bugs in existing mappings by analyzing data flow, evaluating transformations and fixing bugs.
- Tuning the mappings based on criteria, creating partitions in case of performance issues
- Resolving the tickets based on the priority levels raised by QA team.
- Actively involved in interacting with business users to record user requirements and Business Analysis.
- Parsing high-level design spec to simple ETL coding and mapping standards.
- Created the design and technical specifications for the ETL process of the project.
- Scheduled batch and sessions within Informatica using Informatica scheduler and also customized pre written shell scripts for job scheduling.
- Involves managing and maintaining the Informatica suite of data integration and management tools within an organization. This includes various tasks such as installation, configuration,

monitoring, and troubleshooting of Informatica products to ensure optimal performance and reliability.

- Responsible for installing Informatica products like PowerCenter, Informatica Cloud, or Informatica Big Data Management on servers or cloud environments. configure these installations according to the requirements, including setting up connections to databases and other data sources.
- Create and manage user accounts, roles, and permissions within the Informatica environment. monitor the health and performance of Informatica services and components by using monitoring tools to identify bottlenecks, optimize configurations, and tune the system for better performance.

Environment: Informatica PowerCenter 10.2, Oracle 12c, PostgreSQL, UNIX Shell Scripts, Unix, Erwin 9.3, Control M, Teradata 16

PNC Bank, Pittsburgh, PA

Informatica Developer/System Reliability and Support Lead
– Nov 2023

May 2022

- Monitor, maintain and support systems and software to ensure stability and compliance to technology standards.
- Leads and participates in the monitoring, maintenance, support and modernization of systems and software to ensure stability and compliance to technology standards.
- Perform maintenance, including installation of patches and upgrades. Coordinates with delivery teams to ensure changes are implemented in order to maintain a stable production environment.
- Incident detection, resolution and/or escalation. Analyze and identify root cause of incidents. Gathers information and reports out on design, reliability, maintenance problem and bugs.
- Monitors systems availability, performance, and capacity against baseline metrics and reports trends. Implements methods, techniques and evaluation criteria for monitoring software reliability and resolving incidents.
- Educating and coaches more junior staff to ensures in depth knowledge of supported systems and applications.
- Leads application governance, such as required attestations, continuity testing, impact analysis, responding to audit/regulatory inquiries and complying with technology standards.
- Working with teams to develop in depth knowledge of supported systems and applications.
- Performs application governance, such as required attestations, continuity testing, impact
- Created Complex SQL Queries, User Functions, stored procedures, CTEs, Creating User designed functions, Views, and Indexes also created schema and Tables Using SSMS 2018
- Involved in Normalization and De-Normalization of existing tables for faster query retrieval.
- Implemented advanced SQL queries using DML and DDL statements to extract large quantities of data from multiple data points on MS SQL and Teradata SQL Assistant.

Environment: Informatica PowerCenter 10.2, GCS, IICS, Oracle 12c, PostgreSQL, UNIX Shell Scripts, Unix, Erwin 9.3, Control M

United Health Group (UHG)/ OPTUM, Minneapolis, MN
2020 – Jan 2022
Informatica Developer

Feb

Responsibilities:

- The objective of the project was to design and develop a new data ware house which will replace the current Enterprise Data Warehouse. The ETL Process involved extraction and migration of the data from DB2,SQL server, Teradata, sales force and Flat files, implementing the business logic and populating the data into the target Sql Server. This project consists of various stages - staging, Ods, Hub, dimensional and fact.
- Responsible for implementing business logic provided by NYS Department of Health client and develop ETL process like Slowly Changing Dimensions (SCD) Type 1/2/3.
- Worked closely with APD Test Leads, Data Modelers, Business Leads, DBA's,UAT Leads, Security Leads to ensure execution of the code deployment and adherence to the schedule.
- Worked closely with Data Architectures to ensure proper creation of Operational Data Store Data Models and ETL process.
- Prepared ETL mapping documents explaining complete mapping logic.
- Prepared unit test document and performed unit testing, regression testing.
- Provided QA/UAT support while code promotion and worked with QA's to resolve any defects if found.
- Worked extensively with session parameters, Mapping Parameters, Mapping Variables and Parameter files for Incremental Loading.
- Design and tested the dimensional tables, ODS tables
- Developed Slowly Changing Dimension Mappings for Type 1 SCD and Type 2 SCD using static/dynamic lookup.
- Applied performance-tuning logic to optimize session performance.
- Extensively worked with Source qualifier, Filter, Joiner, Expression, Lookups, Aggregator, Router, Sequence Generator, and Update Strategy.
- Optimized the Solution using various performance-tuning methods (SQL tuning, ETL tuning (i.e. optimal configuration of transformations, Targets, Sources, Mappings and Sessions), Database tuning using Indexes, partitioning, Materialized Views, Procedures and functions).
- Good Understanding about practitioner, Member, Provider, Issuer/Plan, Claims systems.
- Extensively worked on basic SQL queries such as creating altering Tables, Indexes, Views also worked with PL/SQL stored procedures. Queried various tables to get resultant datasets as per the business requirements.
- Prepared ETL mapping documents explaining complete mapping logic.
- Captured source file/table definitions, target data, and data mart table definitions.
- Create and maintain metadata and ETL documentation that support business roles and detailed source to target data mappings.

Environment: Informatica Power Center 10.2/10.1/9.6.1, Informatica Data Quality (IDQ), UDBDB2, MS SQL Server 2014/2012, MySQL Database,Toad,Flat Files, MS Excel 2010,MS Visual Studio 2010.

Perkins & Will, Chicago, IL
2018–Jan 2020
Informatica Developer

Sep

Responsibilities:

- Involved in Requirement gathering, business Analysis, Design and Development, testing and implementation of business rules.
- Created and Configured Workflows and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
- Involved in the entire SDLC (Software Development Life Cycle) process that includes Implementation, testing, deployment, documentation, training and maintenance.

- Extracted data from Oracle database transformed and loaded into Teradata warehouse according to the business specifications
- Analyzed business process and developed ETL procedures to move data from source to target systems.
- Worked on Power Exchange Sources and flat files to load the data into Oracle Target tables.
- Involved in parameterizing the code in order to change the necessary parameter files in UNIX without disturbing the rest of the code.
- Using Informatica tool loaded the data into Salesforce application tables.
- Extensively used SQL for accessing and manipulating database systems
- Performed Data Profiling on various source systems like SQL Server, Oracle and Flat files.
- Involved in Power Center Change Data Capture (CDC) process to minimize the resources required for ETL processes that deals only with data changes and ensure data synchronicity.
- Hands on experience on Informatica Data Quality tool.
- Defined Target Load Order Plan and Constraint based loading for loading data correctly into different Target Tables.
- Involved in troubleshooting complex problems by checking sessions and error logs.
- Created Workflows using Workflow manager for different tasks like sending email notifications, timer that triggers when an event occurs and sessions to run a mapping.
- Implemented performance tuning techniques by identifying and resolving bottlenecks in SQL Queries, Sources, Targets, transformations, and mappings to improve performance.
- Hands of knowledge in creating Shell scripts for automation and execution of the workflows.
- Performed Unit Testing and System Integration Testing of Informatica Mappings and created Test cases.
- Have used BTEQ, FEXP, FLOAD, MLOAD Teradata utilities to export and load data to/from Flat files.
- Developed and created various Informatica Mappings and Sessions based on the client requirements and rules to obtain the data from the source files and the database tables to the target tables
- Raised change requests, analyzed, and coordinated resolution of program flaws in Prod and QA environment, migrated the fixed code in Dev and to QA, preproduction and production environments according to change request approval.
- Worked closely with QA team and developers to clarify/understand functionality, resolve issues and provided feedback to nail down the bugs.

Environment: Informatica Power Center 9.6, Teradata 14, Teradata SQL Assistant, Sales Force, Informix, Quality Center, SQL Server, Oracle 9i/10g/11g, Unix