LIKHITH THOTTEMPUDI

Software Engineer

📞 +91 9502153538 ✉ thottempudilikhith9@gmail.com

Summary

I am a software engineer with around 4 years of experience in IT specializing in Informatica tools, ETL development, and Snowflake cloud data warehouse. My expertise includes migrating queries, performance tuning, and managing ETL processes. I have a strong understanding of data transformations and hands-on experience with bulk data loading and continuous data ingestion techniques. I am passionate about improving processes and delivering efficient solutions.

Projects

Project Title: IQVIA Pharmaceutical

Client: IQVIA, USA

Role: ETL, Snowflake and DBT Developer

Duration: Aug 2021 - Present

Environments: Snowflake Datawarehouse, Fivetran, Prefect tool, Visual Studio Code, DBT Tool, Informatica Power Center, Salesforce, Gitlab.

Description:

IQVIA is a healthcare organization. This deals with the CRO data and the medical data. There are two instances performed as CRM and PSA in this project.

Roles & Responsibilities:

- Conducted in-depth analysis of data from various sources, including Flat Files, JSON, XML, and Snowflake Cloud Database.
- Utilized complex Snowflake SQL scripts to generate insights for business reporting and decision-making.
- Validated and profiled data to ensure accuracy, consistency, and reliability for analysis.
- Connected Salesforce to Snowflake using Fivetran for seamless data ingestion, ensuring real-time access to critical business data.
- Transformed and curated data using DBT (Data Build Tool), implementing incremental strategies, pre-hooks, post-hooks, and macros for optimized data pipelines.
- Developed ETL workflows to load data into Snowflake tables, leveraging commands like COPY, LIST, PUT, and GET for internal and external stage file validation.
- We created stored procedures to handle merge statements and other tasks. These stored procedures were then used to create tasks that are scheduled to run simultaneously, based on client and user requirements.
- Migrated Informatica mappings into Snowflake database to create curated target tables in the DataMart environment.
- Designed and implemented relational data models, including SCD Type 1 and Type 2, for historical data tracking and analysis.
- Ensured data integrity and consistency by testing and validating data models before deployment.
- Automated data workflows using Prefect, scheduling models to run daily based on client requirements.
- Monitored scheduled processes to ensure timely delivery of data for analysis and reporting.
- Collaborated with teams to create AAD groups in Snowflake using GitLab and Visual Studio Code, ensuring efficient team management and access control.
- Documented analysis processes, changes, and findings to maintain transparency and provide actionable insights to stakeholders.
- Prepared final project overview documents and presented insights and recommendations to clients.Resolved data-related issues, including production outages and inconsistencies, ensuring minimal disruption to business operations.
- Supported over 50 interfaces in production, providing timely solutions to data challenges.
- Conducted root cause analysis and implemented preventive measures to avoid recurring issues.

Experience

Working as a software engineer in **Hexaware Technologies.**

Tools/Software

- Snowflake Cloud Datawarehouse
- DBT Tool
- FIvetran
- Prefect Tool
- Informatica Power Center Tools
- Visual Studio Code
- SSIS (Integration Service)
- SSMS (SQL SERVER)
- Salesforce
- SQL SERVER
- GitLab
- Windows 10 & 11

Certification

- SNOWPRO CORE CERTIFIED

Languages

- English (Fluent)
- Telugu (Fluent)
- Tamil (Proficient)

Educational Qualifications

Bachelor of Engineering from JNTUA

Key Achievements

- Awards Received 'Best Employee' and 'Rock Star' Award for exceptional performance and contributions.

- Team Lead Served as Team Lead in a project-wide initiative for process improvement.