

Summary

I am a Results-driven Snowflake Cloud Data Engineer with 4+ years of proven experience designing, implementing, and optimizing enterprise-scale data warehouse solutions on AWS cloud infrastructure. Expertise in cloud data architecture, ETL/ELT pipeline development, and Snowflake performance optimization. Demonstrated track record of reducing infrastructure costs by 20% while maintaining SLA compliance. Seeking Cloud Architect or Site Reliability Engineer roles to leverage deep Snowflake expertise and cloud infrastructure knowledge.

Professional Experience

BIS Healthcare

Domain: Healthcare Client: Athena

Sep 2022 - Aug 2024

- Designed and implemented scalable Snowflake cloud data warehouse solutions supporting healthcare analytics.
- Built automated ETL and ELT data pipelines using Snowpipe for AWS S3 ingestion.
- Implemented incremental data processing using Snowflake Streams and Tasks.
- Developed complex Snowflake SQL transformations for reporting and analytics.
- Optimized virtual warehouses and queries, reducing compute costs by approximately 20%.
- Used Time Travel and Zero-Copy Cloning for data recovery, testing, and release validation.
- Provided production support, data quality validation, monitoring, and SLA-based issue resolution.

Access Healthcare

Domain: Healthcare Client: HBHC

Apr 2022 - Sep 2022

- Developed Snowflake-based data pipelines for operational and reporting systems.
- Implemented COPY commands, file formats, and error handling for reliable data ingestion.
- Performed SQL-based data cleansing, data validation, and transformation.
- Worked with structured and semi-structured datasets including CSV and JSON.
- Assisted in Snowflake warehouse tuning and query performance optimization.

NTT DATA Services

Domain: Healthcare Client: Conifer

Jan 2020 - Mar 2022

- Designed and implemented Snowflake data warehouse architecture for enterprise analytics.
- Built ETL and ELT pipelines using internal and external stages.
- Developed Snowflake objects including databases, schemas, tables, views, and warehouses.
- Implemented Snowpipe for continuous cloud data ingestion.
- Used Streams and Tasks to automate incremental data processing workflows.
- Optimized SQL queries and Snowflake warehouse configurations for performance and cost efficiency.

Skills

Tools

- Airflow
- Azure
- IICS
- Snowflake
- Oracle
- JIRA
- GIT

Education

Indian Institution of Engineers, Madurai

Bachelor of Engineering – Computer Science

Madurai

2018

Thiagarajar Polytechnic College, Salem

Diploma – Electrical & Electronics Engineering

Salem

2015



Language

English Tamil