Manohara G

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Professional Summary:

- Having 4+ Years of professional IT experience in this area of Data Warehousing, S Q L and Snowflake Data Cloud and AWS.

- Experience in Data loading into AWS S3 To Snowflake Cloud Data warehouse.

- Handling large and complex data sets in CSV, JSON and PARQUET file formats.

- Experience in bulk loading and unloading data into Snowflake tables using COPY command.

- Implemented SCD TYPE-1 and TYPE-2 data pipelines using DBT.

- Used COPY/INSERT, PUT commands for loading data into Snowflake tables from internal/external stage.

- Experience in using Zero Copy Clone, Time Travel, Stream, Task and Data masking.

- Implemented continuing data loading into Snowflake using Snow pipe.

- Experience in using DBT (Data Build Tool) for Transformations.

- Extensively worked in ETL process consisting of data transformation, data sourcing, mapping, conversion and loading.

- Understanding customer requirements, analysis, design, development and implementation into the system, gather and define business requirements and enhancing business processes.

- Proficient in building modular, scalable, and reusable dbt models for transforming raw data into analytics-ready datasets.

- Experienced in implementing dbt testing strategies (schema, data, and custom tests) to ensure data accuracy and pipeline reliability.

- Hands-on experience with dbt Cloud for scheduling and monitoring data transformation workflows.

- Developed and maintained comprehensive dbt documentation and lineage graphs to improve data transparency and stakeholder collaboration.

Professional Experience:

- Worked with TCS as a Snowflake developer from Oct 2021 to Present

Education & Certification:

- Master of Science (M.Sc.) from Bangalore University

Technical Key Skills:

- **Databases**: MySQL, MSSQL

- **Cloud Data Warehouse**: Snowflake

- **ETL Tools**: DBT, Talend, MuleSoft

- **Programming Languages**: SQL

- **Cloud Platforms**: AWS, Azure

- **Operating System**: Windows 10

Project Title #2	: TMAP – Wall Mart
Duration	: July 2023 – Present (Team Size = 5)
Skills Used	: Snowflake, SQL, DBT, AWS S3 bucket.
Role	: Snowflake developer

Description   : The Transportation Mobility Access Platform (T-MAP) is a new transportation logistics solution provided by People Net to replace Fleet Advisor (FA). It will provide actual trip, driver data and exchange data with PepsiCo's current planning, reporting and payroll systems. The application enables transportation logistics in Supply Chain Management system allowing the business to effectively track drivers and trucks through wireless communication. The application supports driver activity logging on a trip there by facilitating driver payroll calculations and delivery schedules.

Roles and Responsibility:

I have been involved in

- End-to-end data migration from RDBMS to Snowflake Cloud Data Warehouse.
- Automated workflows using Snowflake Tasks and Stored Procedures.
- Designed and implemented materialized views for reporting optimization.
- Performed bulk data loading from AWS S3 using COPY INTO.
- Managed CDC and incremental loads using Snowflake Streams.
- Built and optimized DBT models, tests, and CI/CD pipelines.
- Scheduled and monitored DBT jobs via DBT Cloud Scheduler.
- Improved performance using Query Profiler, caching, and warehouse scaling.
- Integrated procedures with Snowflake pipelines, enhancing data validation, cleansing, and advanced processing workflows.
- Conducted knowledge transfer sessions and mentored junior team members on Snowflake.

Project Title #1	: Universal Addressing Migration

Client : Morgan Stanley & Co. Incorporated.

Role : Developer.

Duration : Oct 2021 – May 2023 (Team Size = 5)

Skills Used : Snowflake, SQL.

Description : Universal addressing allows for 10 lines of address data. However, if all lines were populated, this would typically be too long of an address to fit on correspondence. The System has three-line elimination routines based on the country code of the address that will eliminate address lines in order of least importance until the address provided fits for the given correspondence. Below is the line elimination routine for the majority of the countries. This option applies to Australia, Bahamas, Canada, Dominican Republic, France, Guernsey Channel and Jersey Channel Islands, Great Britain, Malaysia, Mexico, Panama, Spain, and United States addresses.

Roles and Responsibility:

I have been involved in

- Responsible for end-to-end Data Migration from RDBMS to Snowflake Cloud Data Warehouse.
- Bulk loading from external stage (AWS S3) to internal stage (snowflake) using COPY command.
- Creating views and materialized views in Snowflake cloud data warehouse to Business Analysis and reporting.

- Responsible for all activities related to the development, implementation and support of ETL processes for large scale Snowflake cloud data warehouse.
- Responsible for all activities related to the development, implementation, administration and support of ETL processes for large scale data warehouses using Snowflake cloud Data warehouse.
- Create task flows to automate the data loading/unloading to/from Snowflake data warehouse and AWS S3.
- Created internal and external stage and transformed data during load.
- Created File Formats, Functions, Views etc.
- Cloned databases for Development and QA environments using Zero Copy Cloning.
- Worked on Snowflake streams to process incremental records and for CDC.

(Manohara G)