

SOMASHEKAR K

Snowflake Developer



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Dedicated professional with history of meeting company goals utilizing consistent and organized practices. Highly skilled with an industry experience of **4+ years** in the areas of Data warehousing, Data Analytics, Cloud products and services. Talented individual offering dynamic skills and passion for working on successful technical teams.



Technical Skills

- Cloud Data Warehouse: Snowflake, AWS S3
- Database: SQL Server
- Programming Language: SQL
- Operating Systems: Windows
- Reporting Tools: PowerBI
- Project support and Attention to detail
- Problem solving, Analytical and Critical Thinking



Work History

Snowflake Developer

Halcon Technologies Pvt. Ltd., Gachibowli, Hyderabad

- 4.4 years of Professional Experience in working with SQL, Snowflake cloud data warehouse and AWS cloud.
- Experience in **Data Migration** from SQL Server to Snowflake cloud data warehouse
- Experience in implementing **Data Lake on AWS and Data Warehouse on Snowflake Data Cloud.**
- Deep understanding of **Snowflake architecture, Caching** and Virtual data warehouse scaling.
- Expertise in bulk loading into Snowflake tables using **COPY** command. Experience in
- Creation of Snowflake objects like databases, schemas, tables, sequences, views and file formats.
- Created data pipelines with **streams** and **tasks**.
- Exposure in processing semi structured data files like **JSON** and **Parquet** into snowflake.
- Experience in using **zero copy clone** to replicate Lower environments from production.

2018-07 - Current

- Handled large and complex data sets in **CSV** format from object stores like AWS S3.
- Experience in Snowflake features such as **Data sharing, Snow Pipe, Tasks, zero copy clone** and **Time travel**.
- Experience in relational database **SQL Server** and developed procedures, functions and views.
- Implemented SCD Type1 & SCD Type 2 data loads with streams and tasks in snowflake.
- Experience with all phases of software development life cycle (SDLC) and Agile methodologies.
- Effective problem solving and analytical skills with expertise in interacting with Business Users.
- Collaborated with team members to achieve target results.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Developed and implemented performance improvement strategies and plans to promote continuous improvement.



Projects

Project 1 *FST Data Mart*

Client *Danske Bank, Denmark*

Duration *Jun-2020 to till date*

Role *Snowflake Developer*

Tools & Environment: Snowflake Cloud Data Warehouse, Informatica, SQL Server, AWS S3, Data warehouse, PowerBI

Project Description:

Danske Bank is the largest bank in Denmark and a leading player in the Scandinavian financial markets. Recently acquiring Sampo bank, Sampo Bank serves customers from 125 branches in Finland and 33 branches in the Baltic States, Is the major achievement of Danske. The IT department of Danske has started with migration of Sampo bank technology to Danske bank technology, as a part of project, I was involved in the process of migration of Sampo bank data to Danske bank.

Roles and Responsibilities:

- Created various stages like internal/external stages to load data from various sources like S3 and on premise systems.
- Bulk loading from external stage (AWS S3) to internal stage (snowflake) using COPY command.
- Loading data into Snowflake tables from internal stage and on local machine.
- Used import and export from internal stage (Snowflake) vs external stage (S3 Bucket).
- Creating views and materialized views in Snowflake cloud data warehouse to Business Analysis and reporting.
- 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

● **Project 2 FDW (Financial Data Warehouse)**

Client BNP Paribas

Duration Jul-2018 to May-2020

Project Description:

BNP Paribas is a French bank and financial services company. born in 2000 from the merger between Banque Nationale de Paris and Paribas. It is organized into 3 major business areas: Commercial, Personal Banking & Services (CPBS), Investment & Protection Services (IPS) and Corporate & Institutional Banking (CIB)

Role and Responsibilities:

- Created Snowflake objects like databases, schemas, tables, stages, sequences, views, Procedures and FILE_FORMAT using snowflake UI
- Loading data from files that have been staged in external (Amazon S3) then Copy Data into the Target Table and Query the DW Data.
- Experience in writing Complex Sub Queries, writing Complex JOINS, Views. Cloning of database schemas, tables, procedures from QA to Prod environment.
- Experience on Snowflake functions Time travel, Data Sharing, Data Cloning, Secure views and clustering.
- Hands-on experience with Snowflake utilities, Snow Pipe, snowflake stream to implement SCD.
- Reduced Snowflake space used by adding transient tables where appropriate and ensuring optimum clustering column definitions.
- Ensuring zero defect and timely deployment of all the components.
- Documenting all the deliverables for smooth handover to production team.



Education

● **BE (Electrical & Electronics)**

Vidya Vikas Institute of Engineering & Technology, Mysore

● **Pre-University (PCMB)**

Maharshi Composite PU college, Mysore



Languages

● Kannada, English, Hindi