K SINGARVELU

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🔎 Bengaluru, India

PROFESSIONAL SUMMARY

- Having **4+** Years of IT experience with **Data Warehousing**, **SQL** and **Snowflake Data Cloud** and **AWS S3**
- Proficient in data loading into Snowflake from AWS S3, handling large and complex datasets in **CSV, JSON**, and **Parquet** formats.
- Strong expertise in ETL processes, including data sourcing, **transformation,** mapping, conversion, and loading.
- Hands-on experience with **Data Build Tool (DBT)** — proficient in creating models, tests, snapshots, **YML files,** and managing job creation and scheduling.
- Experienced in bulk loading/unloading data using **COPY** and **PUT commands** and implementing continuous data loading with **SNOW PIPE**.
- Developed automated data pipelines leveraging **Streams** and **Tasks** for real-time data processing.
- Involved in data migration from relational databases to Snowflake and optimizing performance using Query Profiler, caching, and warehouse scaling.
- Implemented **Zero Copy Cloning** for environment replication (DEV, STAGE) and maintained data documentation and lineage within DBT.
- Strong understanding of business requirements, system design, and implementation aligned with **Agile** and **Waterfall methodologies**.
- Collaborative team player with excellent analytical and problem-solving skills, ensuring timely and quality delivery of projects.

SKILLS:

- **CLOUD DATA WAREHOUSE:** Snowflake
- **ETL TOOLS:** Talend, DBT (Data Build Tool)
- **OPERATING SYSTEMS:** Windows
- **DATABASES:** SQL Server, Snowflake
- **DEVELOPMENT TOOLS:** Talend, Snowflake, Vs code
- **PROGRAMMING LANGUAGES:** SQL, PL/SQL

EXPERIENCE:

KYNDRYL SOLUTIONS PVT LTD – Snowflake Developer

🔎 Bengaluru, India | 🗓 FEBRUARY 2024 – MAY 2025

CAPGEMINI TECHNOLOGY SERVICES INDIA LIMITED – Associate Software Engineer

🔎 Bengaluru, India | 🗓 JUNE 2021 – FEBRUARY 2024

Project 3:

CLAIMS PROCESSING AND ANALYTICS SYSTEM
CLIENT: Optum (united health group)
ROLE: Snowflake Developer
ENVIRONMENT: Snowflake, AWS S3, DBT
DURATION   : FEBRUARY 2024 to MAY 2025

OVERVIEW:

The project aimed to design and implement a scalable Claims Processing and Analytics System for Optum to streamline claims ingestion, validation, adjudication, and reporting. The system leveraged Snowflake Data Cloud for data warehousing and analytics, providing real-time insights into claims performance, provider efficiency, and cost optimization.

RESPONSIBILITIES:

- Developed and maintained Snowflake data pipelines and DBT models for ETL workflows.
- Created and managed Snowflake objects including tables, views, stages, and procedures.
- Loaded and transformed data from AWS S3 into Snowflake tables using COPY commands.
- Optimized queries, views, joins, and subqueries for analytics and reporting.
- Leveraged Snowflake features like Time Travel, Cloning, Data Sharing, and Clustering for performance and environment management.
- Ensured data quality, zero-defect deployments, and maintained documentation for production handover.

Project 2

DFS (Domestic Fund System).
CLIENT: Kfin Technologies Ltd.
ROLE: Snowflake developer
ENVIRONMENT: Snowflake, AWS S3, DBT
DURATION: SEPTEMBER 2022 to FEBRUARY 2024

OVERVIEW:

" DFS is the Centralized system which will be processing all branch operational activities along with recon reports. The main objective of DFS is to process scheme purchasing and Redemptions in different check levels."

RESPONSIBILITIES

- Developed and maintained Snowflake data pipelines for cash management processes.
- Created and managed databases, schemas, tables, stages, views, and procedures using Snow SQL and Snowflake UI.
- Loaded and transformed data from AWS S3 into Snowflake tables using COPY command and automated pipelines.
- Built views, joins, subqueries and leveraged features like Time Travel, Data Sharing, Clustering, and Zero Copy Cloning.
- Cloned databases and schemas across Dev, QA, and Production environments, ensuring smooth deployments.

Project 1:

LMS (Learning management system)
Client: Granules India Private ltd
Environment: SNOWFLAKE, SQL Server
Duration: JUNE 2021 - AUGUST 2022

OVERVIEW:

Learning Management System (LMS) is a specially designed Software program for Employee Training required in the Pharma and Bio-tech industry. LMS is easy-to-implement software to all types of Training's in the company and designed to ease the training requirements without spending too much time and resources. The Learning Management System enables you to schedule, track and report on employee training, Schedules, certifications and qualification for individual employees or work groups. It gives you complete, real-time visibility into the performance of your training program.

RESPONSIBILITIES:

- Designed and developed Snowflake database objects – Databases, Schemas, Tables, Stages, Sequences, Views, Stored Procedures, and File Formats – using Snow SQL and Snowflake UI.
- Loaded data from Amazon S3 external stages into Snowflake tables using COPY INTO and performed data quality validation.
- Created and optimized complex SQL queries, subqueries, joins, and views for data analysis and reporting.
- Performed cloning of schemas, tables, and procedures between QA and Production environments.
- Leveraged advanced Snowflake features such as Time Travel, Data Sharing, Data Cloning, Secure Views, and Clustering.
- Developed ETL workflows using Snow SQL scripts to load and transform data from flat files to Snowflake tables.
- Ensured high-quality, zero-defect deployments through testing, validation, and collaboration with QA teams.
- Documented technical deliverables for smooth transition to production and Maintenance teams.

EDUCATION

B.Tech (ME)
KUPPAM ENGINEERING COLLEGE, KUPPAM