PURUSHOTHAM REDDY

Mobile: +91 XXXXXXXXX | **Email : XXXXXXXXX@gmail.com**
Role: Snowflake Developer

PROFESSIONAL SUMMARY

Skilled with Overall 5.3 years of IT experience and 3.3 years of Experience in Snowflake specializing in Data Warehousing, ETL, SQL, AWS, and Snowflake Cloud Data Platform.
Hands-on expertise in data modelling, pipeline development, performance optimization, and cloud-based data migration.
Proven track record of delivering efficient, scalable, and high-quality solutions across Agile environment.

Key Highlights:
- 3.3 years of professional experience in Snowflake Cloud Data Warehouse and Data Engineering.
- Expertise in ETL design, data loading from AWS S3, and automation with Snowpipe, Streams, and Tasks.
- Strong command over DBT (Data Build Tool) for building models, testing, and maintaining data lineage.
- Experienced in SQL, data migration, query performance tuning, and zero-copy cloning.
- Proven ability to collaborate with cross-functional teams to deliver high-quality, reliable, and maintainable data solutions.

TECHNICAL SKILLS

Category	Technologies / Tools
Cloud Data Warehouse	Snowflake, SnowSQL
ETL & Data Tools	DBT, Informatica
Cloud Platforms	AWS (S3)
Databases	SQL, MySQL
Programming Languages	SQL, Python
Operating Systems	Windows
Schedulers	DBT Job Scheduler
Version Control	Git

PROFESSIONAL EXPERIENCE

Tata Consultancy Services – Banglore.
Snowflake Developer | Jan 2024 – Present.
Client: PepsiCo, USA | Project: Dispatch Planning System (DPS)
Project Description:
DPS (Dispatch Planning System) is a centralized Trip Management System that manages trips, stops, and orders for PepsiCo's logistics operations. It integrates with multiple systems (ETM, TCDS) and processes high-volume data related to fleet and carrier trips.
Roles and Responsibilities:
- Performed bulk data loading from AWS S3 to Snowflake using COPY command and external stages.
- Designed and developed ETL data pipelines using Snowpipe, Streams, and Tasks for continuous data integration.
- Built views and materialized views to support analytical and reporting use cases.
- Automated data ingestion workflows using Snowflake TASKS and Streams for incremental processing.
- Implemented Zero Copy Cloning for DEV and QA environments to streamline testing.
- Performed data transformations and schema design to optimize analytical queries.
- Collaborated with business users to gather requirements and ensured high data quality.

Key Achievements:
- Reduced data load latency by 40% through optimized pipeline design.
- Implemented an automated CDC pipeline reducing manual intervention by 60%.

Tata Consultancy Services – Bangalore
Snowflake Developer | Oct 2022 – Dec 2023
Client: Marriott International | Project: Universal Address Migration.

Project Description:
The **Universal Address Migration** project aimed to consolidate and modernize Marriott International's global customer address data by migrating legacy on-premise systems to the **Snowflake Cloud Data Warehouse**. The project involved integrating address data from multiple source systems across different regions into a single, unified data platform. This centralized address repository was designed to ensure **data accuracy, consistency, and accessibility** across various business applications such as loyalty management, reservations, and customer analytics.

Roles and Responsibilities:
- Created Snowflake objects (databases, schemas, tables, views, sequences, stages, and file formats) using SnowSQL and UI.
- Performed data ingestion from AWS S3 external stages to Snowflake tables using COPY INTO command.
- Developed SnowSQL scripts for data loading, transformation, and automation.
- Implemented Snowflake Time Travel, Data Sharing, Secure Views, and Clustering for efficient data management.
- Cloned schemas, databases, and tables across QA and Production environments.
- Worked on complex SQL queries, subqueries, and joins for analytics reporting.
- Documented ETL processes and ensured zero-defect deployments.

Key Achievements:
- Improved data pipeline performance by 30% through optimized file format and clustering strategies.
- Successfully migrated multiple legacy pipelines to Snowflake with minimal downtime.

Tata Consultancy Services – Bangalore
Informatica Power Center Developer | Feb 2021 – Sep 2022
Client:Walgreens | Project: Cobrand credit.

Project Description:
 Walgreens. is an American multinational company that operates franchises, and licenses lodging including hotel, residential, and timeshare properties. It is headquartered in Bethesda,Maryland. It is the largest hotel chain in the world by the number of available rooms. It has 30 brands with 8,000 properties containing 1,423,044 rooms in 131 countries and territories. Of these 8,000 properties, 2,149 are operated by Marriott, and 5,493 are operated by others pursuant to franchise agreements. The company also operates 20 hotel reservation centers.

Roles& Responsibilities:
- Design, develop, and optimize ETL mappings, sessions, and workflows to extract, transform, and load data from heterogeneous sources into the data warehouse.
- Collaborate with business analysts and stakeholders to understand data requirements, source-to-target mapping, and business rules.
- Write complex SQL queries, stored procedures, functions, and views in Oracle SQL for data extraction, validation, and reporting purposes.
- Work with data modelers to interpret conceptual, logical, and physical data models and ensure proper implementation in ETL processes.
- Tune ETL mappings, Oracle SQL queries, workflows, and database objects to improve overall performance and reduce load time.

- Perform data validation, data reconciliation, and implement data quality checks to ensure accuracy and integrity of data loaded into the warehouse.
- Diagnose and resolve issues in ETL workflows, SQL queries, job scheduling, and source/target systems.
- Create, monitor, and manage ETL job schedules using tools like Autosys, Control-M, or Informatica Scheduler.
- Prepare technical documents such as ETL design specs, mapping documents, data flow diagrams, and operational support documentation.
- Perform code migration, deployment, environment testing, and provide L2/L3 support during production incidents and release cycles.

EDUCATION

Bachelors Of Computer Application(BCA) Sri Srinivasa Degree College. S.V.University (Tirupati).

(B.Purushotham)