Shaik Ashraf Ahammad

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**SnowPro Core Certified | Data Engineer**

# Professional Summary

* Data Engineer with 5+ years of experience in Snowflake, DBT, Informatica, Oracle, and Cloud data pipelines.
* Strong expertise in ETL workflows, SQL optimization, data modeling, and performance tuning.
* Skilled in database migration, automation, and scalable data solutions across Finance, Insurance, Banking, and Retail domains.
* Adept at collaborating with cross-functional teams in Agile environments to deliver high-quality data-driven solutions.

# Core Skills

Data Engineering & ETL: Informatica PowerCenter (9.x/10.x), IICS, DBT, EDL, Apache Airflow

Databases & Cloud: Snowflake, Databricks, PostgreSQL, Oracle (19c/12c/11g), AWS S3

Programming & Scripting: Python, SQL, PL/SQL, UNIX Shell

Data Modeling & Processing: Relational/Dimensional Modeling, OLTP/OLAP, Semi-structured data (JSON, Parquet, Avro)

Other Tools: Autosys, Informatica Scheduler, ADF

# Professional Experience

## Genpact, Hyderabad | Consultant – Data Engineer

July 2025 – Till

* Implemented Airflow DAGs to orchestrate ingestion pipelines between AWS S3, Databricks, and AWS RDS, improving automation and reducing manual interventions.
* Designed and optimized PostgreSQL schemas, indexes, and queries to support high-performance analytical reporting and dashboards.
* Migrated large-scale datasets between Databricks and AWS RDS, applying partitioning and query optimization to ensure scalability.
* Built and scheduled EDL workflows to handle batch and incremental data loads across multiple sources.
* Created and version-controlled Airflow DAG files and enabling reusable pipeline components and better maintainability.
* Partnered with onsite stakeholders for requirements gathering, design reviews, and technical walkthroughs, ensuring delivery of business-aligned solutions.

## Genpact, Hyderabad | Consultant – Snowflake Developer

Aug 2021 – July 2025

* Designed and optimized Snowflake data pipelines using Streams, Tasks, and Snowpipe for automated ingestion from AWS S3.
* Migrated large-scale data from SQL Server/Oracle to Snowflake Cloud Warehouse, ensuring performance efficiency.
* Implemented data sharing, time travel, and zero-copy clone for cost-effective analytics.
* Partnered with onsite teams for requirements, solution design, and code walkthroughs.

## Zentek Infosoft | Software Engineer – PL/SQL Developer

Jul 2020 – Jul 2021

* Developed and optimized PL/SQL packages, procedures, and triggers to support enterprise-grade applications.
* Migrated critical workloads from Oracle to Snowflake, improving query performance by 30%.
* Automated data quality checks and exception handling using PL/SQL and dynamic SQL.
* Collaborated with business teams to deliver robust data warehouse solutions.

# Key Projects

## GE Vernova – Sourcing 360 (Genpact | Aug 2025 – Till)

* Built scalable pipelines with auto-ingestion from Databricks to RDS DB.
* Created Functions, Auto schedule jobs, schemas, and access roles.
* Processed unstructured data efficiently in Databricks.

## GE Vernova – GEEPSAM (Genpact | Aug 2022 – July 2025)

* Built scalable Snowflake pipelines with auto-ingestion from AWS S3.
* Created data models, warehouses, schemas, and access roles.
* Processed semi-structured data (JSON, Parquet) efficiently in Snowflake.

## Terex – Data Warehouse Development (Genpact | Aug 2021 – Jul 2022)

* Migrated operational data from legacy systems to Snowflake using Informatica.
* Designed Snowflake schemas, pipelines, and access control to support AML investigations.
* Improved ETL efficiency by reducing job runtime by 25% through performance tuning.

## Estee Lauder – Insurance Data Processing (Zentek Infosoft | Jul 2020 – Jul 2021)

* Developed PL/SQL-based workflows for insurance underwriting processes.
* Conducted query optimization and performance tuning for critical business operations.
* Provided training and code reviews to ensure best practices in PL/SQL development.

# Education

B.Sc. (Computers) – Glocal University, 2019

# Certifications

SnowPro Core Certified