

KUNDAN DEVENDRA SURVE

Snowflake Engineer | Data Engineering | ETL/ELT | dbt | Cloud Data Warehousing
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PROFESSIONAL SUMMARY

Snowflake Engineer with 3+ years of experience building cloud data warehouses, ETL/ELT pipelines, and data models. Expertise in Snowflake, Advanced SQL, dbt with CI/CD, Python, and Azure Data Factory — delivering 40% faster queries, 30% efficiency gains, and 99.9% pipeline reliability across Agile teams.

TECHNICAL SKILLS

Data Warehousing: Snowflake (Snowpipe, Tasks, Streams, Clustering, RBAC, Dynamic Data Masking), SQL Server, HBase

ETL / ELT & Orchestration: Azure Data Factory (ADF), Talend, Apache Airflow, dbt (data build tool), PySpark

Data Modeling: Star Schema, Snowflake Schema, Dimensional Modeling (Kimball / Inmon), Data Vault

Languages: Advanced SQL (Query Tuning, Window Functions, CTEs), Python, Node.js, JavaScript

Cloud & DevOps: Microsoft Azure, AWS S3, GitHub (Git / CI/CD), Docker

Data Formats & BI: JSON, Parquet, AVRO, MongoDB | Power BI, Sigma, Jira (Agile / Scrum)

PROFESSIONAL EXPERIENCE

Software Engineer – Data Engineering | Sapience Analytics, Pune *Oct 2023 – Present*

- Snowflake DW & Analytics:** Architected Snowflake data warehouse with ETL/ELT pipelines using Talend and ADF; improved analytics efficiency by 30%, reduced data latency, and translated business requirements from 10+ stakeholders into Power BI and Sigma dashboards.
- Workflow Orchestration:** Automated end-to-end data workflows using Snowflake Tasks and Streams, achieving 99.9% pipeline reliability from raw ingestion to curated stores.
- Performance Optimization:** Optimized Snowflake performance via Clustering Keys, Materialized Views, and SQL query tuning — reducing average query execution time by 40%.
- Data Security & Governance:** Implemented RBAC, Dynamic Data Masking, and row-level security across data domains to enforce governance and privacy compliance.
- Data Modeling & dbt:** Designed star schema, snowflake schema, and Data Vault models in dbt; enforced data quality through dbt tests and CI/CD-integrated documentation.
- Data Loading & Integration:** Ingested JSON, Parquet, and AVRO from Azure Blob and AWS S3 via Snowpipe and external stages to deliver API-ready datasets.

Data Engineer | Caliber *Mar 2023 – Sep 2023*

- Data Pipeline & Cloud:** Designed Python-based data ingestion pipelines to extract, transform, and load structured datasets into AWS S3; maintained Git feature-branch workflows and lifecycle policies for a clean, documented codebase.
- SQL & Data Modeling:** Wrote advanced SQL queries and built dimensional data models for scoring and ranking analytics, improving data accuracy and accessibility for downstream consumers.

KEY PROJECTS

Fraud Credit Card Detection – AI-Driven Analytics Pipeline

- Built real-time fraud detection pipelines using Python and MongoDB with ML integration, reducing false positives by 25% and enabling cross-functional decision support via an EDA interface.

Foodie – Full-Stack Web Application

- Developed a responsive React/MongoDB app with real-time Mapbox tracking; admin dashboards reduced order processing time by 30%.

EDUCATION

M.Tech in Software Engineering – BITS Pilani *Expected 2027 | CGPA: 7.0/10.0*

B.E. in Computer Engineering – MES College of Engineering, Pune *2023 | CGPA: 8.7/10.0*