TRẦN ĐỨC (DUSTIN)

DATA ENGINEER / ANALYTICS ENGINEER
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EDUCATION

University of Finance – Marketing (UFM) | Oct 2020 – Apr 2024

Bachelor's degree in Management Information Systems | Class Valedictorian | GPA: 3.7/4.0

TECHNICAL SKILLS

Languages & databases: SQL, T-SQL, Python, SQL Server, Snowflake, DuckDB

Data engineering: dbt Core, dlt, CDC, ELT/ETL, dimensional modeling, SCD Type 2

Tools & practices: Docker, Git/GitHub, Metabase, data testing, data migration & validation

SELECTED PROJECT

AdventureWorks Modern Data Platform | Personal ELT Project

SQL Server CDC • dlt (Python) • Snowflake • dbt Core • Docker • Metabase

- Built an incremental ELT pipeline from SQL Server to Snowflake using CDC and dlt, with LSN cursors to ingest change events into the Bronze layer.
- Implemented CDC deduplication with SQL window functions and Kimball star-schema models in dbt; merged 23,935 historical order lines into an incremental sales fact table.
- Tracked product price history with SCD Type 2 snapshots and implemented 30 automated dbt tests in CI/CD to validate data quality before deployment.
- Delivered analytics-ready Gold models for Metabase reporting; configured Snowflake RSA key-pair authentication.

Repository: github.com/tranduc2204/adventure_works

PROFESSIONAL EXPERIENCE

People's Police (CAND) | IT Support & Operations | May 2025 – Present

- Provide IT support during public security service, maintaining internal networks, operational applications, fire alarm transmission systems and digital document workflows.

BRAVO Software JSC | ERP Implementation Specialist | Jan 2024 – Feb 2025

- Implemented purchasing workflows for THACO and purchasing, inventory and asset management modules for Loc Phuc Fine Jewelry on BRAVO ERP.
- Developed and optimized SQL Server stored procedures, views and business reports; translated operational requirements into relational data workflows.
- Migrated and validated legacy data, trained business users and resolved operational issues during ERP go-live.

Estuary Solution | Junior Data Engineer | Jun 2023 – Aug 2023

- Built ETL pipelines using Python and SQL to extract, clean and load transactional data into analytical schemas; developed operational reports and dashboards.

CERTIFICATIONS

Toeic - 705
DataCamp — Data Engineer Associate | Mar 2026
HackerRank — SQL (Advanced) | Jan 2024