

Tân Nguyễn Chí

DATA ENGINEER

May 18, 1999

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Male

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OBJECTIVE

Short-term goals (6-12 months):

- Improve pipeline performance and big data processing (Spark, dbt, Airflow).
- Master cloud services (AWS/GCP).
- Write clear documentation and collaborate effectively with other teams.

Long-term goals (1-3 years):

- Become a Senior Data Engineer and lead projects.
- Design modern data architectures (Lakehouse, CI/CD, DataOps).
- Expand into MLOps or Data Architect roles.

EDUCATION

INFORMATION SYSTEM

OUY NHON UNIVERSITY

Sep 2017 - Apr 2021

Major

WORK EXPERIENCE

DATA ENGINEER

Mar 2021 - Present

FPT SOFTWARE QUY NHON

Main responsibilities:

- Develop and maintain data pipelines processing 1–10 million records per day using tools like Airflow and Spark.
- Build ETL/ELT workflows to ingest, transform, and load data from diverse sources into cloud data warehouses.
- Ensure data accuracy and consistency with automated checks across 50+ tables
- Collaborate with Data Analysts and Engineers to support daily reporting and dashboard needs.
- Operate and monitor data workflows on cloud platforms (e.g., AWS S3, Redshift, GCP BigQuery).
- Write clear documentation and follow best practices in data versioning and pipeline deployment.
- Participate in supporting the development of Data Analytics and Data Engineer training programs for FPT Software Academy

ACTIVITIES

MEMBER

MEMBER OF THE "BOOKS AND ACTION" CLUB AT UNIVERSITY

Actively participated in weekly Book & Action Club meetings, leading discussions on social issues and facilitating workshops on effective communication and community

2018 - 2020

engagement. Collaborated on group initiatives to promote reading culture and organized outreach programs, significantly increasing student participation and local community involvement.

SKILLS

Programming: Python, R, SQL

Databases: Oracle, SQL Server, MySQL, Postgres,...

ETL Tools: Airflow, dbt, ADF,...

Cloud Platforms: AWS, GCP, Azure, IBM

BI Tools: Power BI, Tableau, Dataiku,...

DevOps & Collaboration: Docker, Git, GitHub, Grafana

Soft Skills: Teamwork, Communication, Critical Thinking

INTERESTS

- Keen on exploring data trends, science documentaries, and music
- , Eager to connect and learn from others

ADDITIONAL INFORMATION

- GCP: http://bit.ly/tannc2
- Udacity: https://bit.ly/tannc2DataEngineer and https://bit.ly/tannc2DataAnalyst

CERTIFICATIONS

JLPT N5

2023

Data Engineer - Udacity Nanodegree

2022

Data Analyst - Udacity Nanodegree

2022

CEFR B1(Eng)

2021

PROJECTS

Project Name: LG CNS - DPC

Desciption: Designed and implemented a data pipeline to collect, process, and visualize real-time sensor data from IoT devices deployed across multiple locations.

Key Responsibilities:

- Ingested data from IoT devices via MQTT and streamed it into Apache Kafka.
- Processed real-time and batch data using Apache Spark and PySpark.
- Stored cleaned and aggregated data in PostgreSQL and S3 for durability and analysis.
- Developed ETL workflows using Apache Airflow for scheduled data transformations.
- Built interactive dashboards using Power BI / Tableau for real-time monitoring and historical insights.
- Deployed pipeline components on AWS (EC2, S3, MSK, Lambda, Redshift) ensuring scalability and fault tolerance.

Team size: 30 members **Duration:** 7 months

Technologies:

- Ingestion: MQTT, Apache Kafka (MSK)
- Processing: PySpark, Apache Airflow
- Storage: PostgreSQL, Amazon S3
- Cloud: AWS (EC2, S3, Lambda, MSK)
- Visualization: Power BI, Tableau
- Tools: Docker, GitHub, Grafana