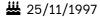
HUNG LE TRI

DATA ENGINEER



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INTRODUCE

I am a Data Engineer, with a passion and extensive knowledge of data science and technology. During my career, I have had the opportunity to work with leading technologies and tools such as Hadoop, Spark(PySpark), Airflow and SQL.

I am learning and improving my system building skills but still have the ability to perform optimizations on my information using advanced techniques such as database tuning, query optimization, and balanced development load.

In addition, I am also particularly interested in researching and applying new technologies to improve the scalability and operability of system data.

With a eagerness to learn and the ability to work effectively in an environment requiring creativity and teamwork, with experience in managing small groups and working independently. I hope to be able to contribute to the project and give you advice for the development of the organization.

WORK EXPERIENCE

BKAV 01/2021 - 09/2021

Developer

project:

- (03/2021 06/2021): Embedded engineer
 - o Code to add features to smarthome devices (Electrical equipment system using zigbee)
 - AI Cam Operation Planning
 - API code for communication between Cam AI (in the provinces) and SQLite to save logs at Hanoi server using HTTP
 - Check the stable operation of Cam AI
- (06/2021 09/2021): Training model for Cam AI facial recognition problem (recognizing faces with masks):

Ftech AI 11/2021 - 03/2022

Data Science

project:

- Collect and clean data for tarot card project (using selenium for data collection and cleaning with pandas)
- Apply problems about the relationship between user and user, item vs item, user vs iteEm, .. Visualize data with matplotlib. Code
 - link:https://colab.research.google.com/drive/1iEsuBNcKbC59hBVq5SCWWJw3ovZNVmC?usp=sharing
- Create datapine using spark to save to Postgresql
- Grasp and understand the process of collecting, processing and storing data
- Using docker and kubernetes to package test code that runs in another environment

SAMSUNG SRV 03/2022 - 09/2024

Telecommunication system engineer

project:

- (03/2022 05/2022): 2G, 4G, 5G knowledge training
- (06/2022 09/2024):Set up 2G GSM system equipment (Set up environment, internal network system, because it is Samsung's internal network, it is quite complicated and time-consuming):
 - o Install operating system (Linux) and configure parameters
 - Update software (2-3 weeks/time) for system performance testing features in a simulated environment using E500 (add call stability feature, integrate 4G, 5G)
 - Coordinate with Indian Dev team to fix small errors encountered (working directly, I lead a small team of 3 people. Coordinate testing work and discuss with Indian Dev)
- (08/2023 05/2024):Setup SakTel 4G system equipment:
 - Install operating system (Linux) and configure parameters
 - Coordinate with Indian Dev team to fix minor bugs encountered

Cty cổ phần chứng khoán DSC

05/2024 - Hiện tại

Data engineer

project:

- Build a data warehouse to centralize stock trading data to support historical data analysis and track stock performance:
 - Perform data modelling for 2 broker and stock code. Helps synchronize the reading and writing process as well as assign tasks to each user that can affect the warehouse.
 - Tech use : Sourece data from postgres, MySQL, PostgreSQL for warehouse, spark for ETL, deploy using docker
- Maintain and make new pipepline for get data from stock trading APIs, data cleaning pipeline, stock index calculation pipeline, broker behavior pipeline :
 - Perform data, feature data, prioritize data flow, make datamart for each end user.
 - o Tech use: Spark, docker

EDUCATION

HaNoi University of science and technology

2016 - 2021

Electronics and Telecommunication

CPA: 2.8

SKILL AND PROJECT

Database, storage: Postgresql, S3

Framework: Spark, airflow, hadoop (basic),kakfa, pandas, seaborn, Power BI, tensorflow.

Language: Ability to read and understand documents, basic communication.

Additional skills: git, github, docker, k8s.

OS: linux, centos7

Course learning :DeepLearning (on youtube of Andrew Ng), Cloud Hadoop: Scaling Apache Spark , Advance Your Data Skills in Apache Spark , Apache Spark Essential Training: Big Data Engineering , Stream Processing Design Patterns with Spark.

Project:

- PySpark for Beginner

Url: https://github.com/HungLe2511/PySpark-for-Beginner

Framework: Spark, airflow, AWS S3, postgresSQL.

- Crawl stock data streaming kafka, warehouse and lake:

URL: https://github.com/HungLe2511/ETL_MySQL_minio_postgresQL_Docker

Bank prj:

Make data pipeline with some tools

Tools: storage(Oracle, MinIO, document), process(Spark, dbt), visualize(Power BI), Airflow Link pipeline: https://lucid.app/lucidchart/adbaf108-9102-41c2-b0d4-be8da291bf46/edit? viewport_loc=-235%2C205%2C2136%2C1140%2C0_0&;invitationId=inv_b517dedf-145c-4fc2-93f6-2423eec884fa

CERTIFICATE

Aptis Certificate (2021)

SQL (Advanced) Certificate (2023)

B2 (HaNoi University of science and technology)

https://www.hackerrank.com/certificates/402b32cf 94ec

Python (Advanced) Certificate) (2023)

https://www.hackerrank.com/certificates/de569283 1028

PRIZE

Outstanding Employee of the 2nd Quarter

04/2023

Excellent SAMSUNG SRV