



TRƯƠNG TẤN VŨ

VỊ TRÍ ỨNG TUYỂN : python backend developer

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<https://github.com/oliviertrg>

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📁 KINH NGHIỆM LÀM VIỆC

Python Mentor : part time

NESTECH

2023-01 - 2023-06

This my YOUTUBE CHANEL teaching python,SQL and stuffs

: <https://www.youtube.com/@olivier8827/videos>

Teaching Python and SQL from fundamental to Advanced for offline and online for 20 -> 30 people each courses in NESTECH center

PROJECT : Ecomercial Microservices Backend App

<https://github.com/oliviertrg/Ecomercial-Fastapi-Microservices/tree/main>

2023-03 - 2023-06

sorry if diagram look not pretty good cause i done this entire project by myself so didn't have enough time to learn design so

Project description :This project i built a Ecomercial App run as back end

Use python(fastAPI) and Database(postgresql) with microservices architecture + Apache Kafka(Event Streams-processing) with JSON Web Tokens credential run 100% on docker and Kubernetes with 1 nodes have 5 pods (2 FastAPI server + 2 postgresql database for each FastAPI server and 1 NOSQL search engine(Elasticsearch) for stored and search product information) orchestrating by Kubernetes and 2 kafka container run with docker-compose for

queue messenger for orders and event messenger for confirm orders and update inventory and send email for customers thank for Apache Kafka(Event Streams-processing) with super scalability microservices architecture separate with 2 service is orders and inventory service and capability to scale up & down in future

Big data

Built ETL and datawarehouse and data mart for sales business real estate reports Using Pyspark , Airflow , MySQL , Postgresql ,Apache Parquet

2023-01 - 2023-01

I was used a sample real estate transaction .csv file with 22 million record from 1995 to 2010 © jobsgo.vn in UK then i extract this file to Postgresql data lake by use ETL data pipeline ,i used python and Pyspark run base on hadoop to read and tranform .csv file and dataframe it in other to extract to data lake Then i built a MySQL datawarehouse with Snowflake structured which i was created a lot trigger and procedure in order to automatically update and populating all dimension and fact table : HERE IS architecture of datawarehouse :

[https://drive.google.com/file/d/1v2EvM2XDewxjWhVaxyypJ3PjLxTHDJfp/view?](https://drive.google.com/file/d/1v2EvM2XDewxjWhVaxyypJ3PjLxTHDJfp/view?usp=share_link)

Then built a another ETL datapipeline to extract and tranform data from Postgresql data lake to MySQL data warehouse by save file as apache parquet file one of the most powerfull big data format then load this .parquet file into MySQL datawarehouse Then in order to be able to schedule and maintain ELT for any time when new data insert to Postgresql data lake that I built Airflow ETL include incremental loading method and call procedure allow to you automatically ETL from Postgresql data lake to MySQL datawarehouse when new data insert to data lake HERE IS pipeline scripst:

<https://gist.github.com/b490281faf3fa9ff4b39e17d9bdd16f4.git> Then i code query mysql scripst joining multi tables to create data mart as view in datawarehouse in orther to make report by using POWER BI to visualize data HERE IS the report using power pi :

🛠 KỸ NĂNG

SQL

🕒 1 năm kinh nghiệm

Python

🕒 1 năm kinh nghiệm

ENGLISH : -Speaking : good -

Reading : good -Listening : good -

Writing : not bad - TOEIC (550)

🕒 dưới 1 năm kinh nghiệm

🗣 NGÔN NGỮ

50%

Tiếng Anh

https://drive.google.com/file/d/1KAEg40SXuBPolMZYC9MI4flvehAQoVI/view?usp=share_link

PROJECT : Pizza Delivery Backend App

https://github.com/oliviertrg/pizza_delivery_app-Fastapi-Microservice-/tree/mainn

using:Python,FastAPI,Microservices,Kafka,Postgresql,Docker,Kubernetes

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Project description :This project i built a pizza delivery app run as back end

Use python(fastAPI) and Database(postgresql) with microservices architecture + Apache Kafka(Event Streams-processing) with JSON Web Tokens credential run 100% on docker and Kubernetes with 1 nodes have 4 pods (2 FastAPI server + 2 postgresql database for each FastAPI server) orchestrating by Kubernetes and 2 kafka container run with docker-compose

Cool thing about this app is you can tracking real-time quantity of pizza ingredient in your warehouse thank for Apache Kafka(Event Streams-processing) with super scalability microservices architecture separate with 2 service is orders and warehouse service and capability to scale up & down in future

INTERNSHIP : Python Dev

STECH

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Because private policy I cannot describe details this project Project description : Developing recognize voice and transform to text software

HỌC VẤN

CHUYÊN NGÀNH

CAO ĐẲNG KỸ THUẬT CAO THẮNG
CNTT

HỆ CHÍNH QUY - CAO ĐẲNG