

NGO SONG VIET HOANG

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SUMMARY

Middle Backend Developer with DevOps proficiency, driving efficient development and seamless operations. Expertise in designing and optimizing robust backend systems. Skilled in CI/CD implementation, scalability, and cross-functional collaboration. Seeking opportunity to work in technical issue and leading young developer in the future.

EDUCATION

Engineer , Computer Science

Period: 8/2018-3/2023

Hanoi University of Science and Technology

Soict

Relevant coursework: Networking , Database , Operating System , Big data

TECHNICAL SKILLS

Programming: Java , Python , Golang

Database: Mysql, Postgresql, MongoDB, Elasticsearch , Redis

Framework: Spring boot, Fastapi, Django

Certifications: AWS Certified Cloud Architect associate (AWS-CO3)

Devops: CI/CD pipeline , K8s , Docker , Iac , Message queue

WORK EXPERIENCE

Lobium , London (Remote): Software Engineer

Sept 2022 - now

Lobium is an early-stage startup for which I am working as a backend engineer. We developed a platform for exploring and analyzing the European parliament amendments. Moreover

- Checkout our product at: epaa.lobium.ai
- Scrape documents from <https://www.europarl.europa.eu/portal/en> then parse it into structured data to load our into neo4j database. The accuracy keeps us client to return buying
- Serve api endpoint for using data
- lambda function for some utility tasks

MH Solution (Vietnam): Backend developer

Oct 2021 - Sept 2022

Backend developer for outsourcing product of big telco company

- Data pipeline for schedule message sending to user edge device (SMS, MMS) in advertisement campaign
- Serve API to get statistic of campaign, advertisement, 3rd party api
- Setup dev environment: K8s, database, kafka, monitor with Prometheus and Grafana

OTHER WORK EXPERIENCE

Bsign Project at BKC Labs, Vietnam: Backend developer

Sept 2022 – now

- First it was my graduation thesis on applying digital signature with private CA at HUST
- Deploy the project to run internally at HUST for teacher to sign document with private CA and public CA provider
- Techstack: Java, Nodejs, K8s, GCP, PKI, Softsm
- Video to show it works: https://youtu.be/tcXDoiwMz_Q
- Now it is running smoothly, I am the maintainer as a side project along with my main job

ACR project at BKC Labs, Vietnam: Devops - Support for young developer

May 2022 – Aug 2022

- Setup dev and production environment for project: automatic course registration at HUST for Soict student
- Setup CI/CD pipeline on GCP GKE
- Iac with Terraform for provision infrastructure easily and ansible for provision application on server which will play a vital role in minimize cost in later deployment strategy as the application is only running in some specific period.

ACTIVITIES

Tourist guide (Hanoi free walking tour)

July 2019 – Aug 2022

Guide foreigner tourist to visit famous sight seeing in Hanoi and speak about history culture which gain me good chance to meet new people and gain soft skill