

Tran Dinh Minh Khoa

+84915960597 | <https://github.com/mkhoatd> | mkhoatd@gmail.com

ABOUT

As a Backend and Devops engineer, I'm looking for a job in a professional and sociable environment, and improve my technical skills and stay updated with the latest technologies

EDUCATION

THE UNIVERSITY OF DANANG - UNIVERSITY OF SCIENCE AND TECHNOLOGY

- Bachelor of Data Science and Artificial Intelligence
- GPA: 3.52/4
- 2020-2024

SKILLS

Programming Languages

Python, JavaScript, Go, SQL

Tools

Git, GitHub, Github Action,
Docker, AWS, PostgreSQL,
Redis, Linux, Bash, Docker

ACTIVITIES

- Second place in the Information Technology Faculty's Student Science Research Conference

EXPERIENCE

Digital Fortress

06-2023-Now

Project: Hivello | Backend Developer

08/2023 - Now

- Description: An app for simplify mining web3 projects
- Technologies: Electronjs, Go, Docker, Podman
- Responsibilities:
 - Maintain Electronjs app
 - Migrate from Docker Desktop to Podman and WSL on for better installation experience
 - Using native OS API for implement system tray, elevation operations
 - Implement on-device port forwarding without manually router configuration for higher earning
 - Setup Github Action for building the app

Project: Portall | Backend Developer, DevOps

06/2023 - 08/2023

- Description: A web app for managing employer
- Technologies: Django, PostgreSQL, Terraform, AWS
- Responsibilities:
 - Setup AWS ECS, EC2, RDS, S3, Route53, ALB with Terraform
 - Setup CI/CD with Github Action
 - Setup RabbitMQ

Project: Koru | Backend Developer, Firmware Developer, Devops

06/2023 - 08/2023

- Description: A smart plant pot system that use ESP-32 and AWS-IoT
- Technologies: ESP-IDF, Terraform, AWS, Django, PostgreSQL
- Responsibilities:
 - Setup CI/CD with Github Action
 - Setup Infrastructure for watering system (SQS, Lambda, DynamoDB, IOT Core)
 - Debug and refactor, implement firmware automatic watering based on sensors info
 - Implement secure provisioning on firmware side

Other projects

- Infibrite: Setup AWS API Gateway WebSocket with Lambda in Terraform.
- RentACar: Setup certbot cron job for renewing SSL certificate in NGINX.