

Quoc Huy Vo

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Summary

Experienced DevOps Engineer with a demonstrated history of working in both the product and big outsource company. Skilled in Software Development, CICD, Architecture Design, Cloud Computing, Computer Networking, and Network Security. Strong engineering professional with a Computer Network and Communication focused in Data Communication and Computer Networking from the University of Information Technology.

Experience



Research Assistant

National Institute of Informatics

Oct 2023 - Present (3 months)



DevOps Engineer

FPT Software

Nov 2021 - Oct 2023 (2 years)

- Design System Architecture
- Implement aws infrastructure with highly security required
- Implement and maintain k8s clusters
- Implement and maintain CICD
- Implement Access Management documents for big team (up to 50 members)
- Reduce, optimize cost for aws cloud infrastructure
- Patching, fixing security vulnerabilities



DevOps Engineer

Meete.co

Sep 2020 - Nov 2021 (1 year 3 months)

- Build CICD system (deploy python application, build & deploy java, golang, nodejs application)
- Write and manage CI, orchestration job files
- Build cloud server network system (both GCP and AWS)
- Reconstructed microservice system (Docker, Hashicorp stack)
- Managed cloud server system (GCP and AWS, CI, BI tool, gateway)



Back End Engineer

Meete.co

Jul 2019 - Nov 2021 (2 years 5 months)

- Designed requirement documents from business problems
- Designed ERD (Entity Relationship Diagram)
- Designed Database (SQL - PostGresql & MariaDB, noSQL - MongoDB)
- Designed & Developed APIs (java, python, golang)
- Migrated Database to server system

- Designed & Developed a new back-end framework (golang using DDD pattern)
- Cross review code team member
- Researched Block-chain solution for Loyalty

Education



The Graduate University for Advanced Studies, SOKENDAI

Doctor of Philosophy - PhD, Informatics

Oct 2023 - Oct 2026



University of Information Technology

Bachelor of Engineering - Computer Network and Data Communication, Computer Network and Communication

2016 - 2021

Courses projects:

- Developed sudoku application and build load balancing server system for sudoku application
- Build IDS/IPS network system
- Designed and developed wifi marketing system (both embedded firmware and Pfsense server)
- Configured Cisco network devices
- Build rain cover IoT system using sensor, voice, and cloud server remote control

Scientific research program:

- Build a system to detect Malicious Web Resources through Machine Learning
- Build a system to detect CNAME Cloaking-based Tracking through Machine Learning

Student club: NetClub (Networking Club)

- Organized network troubleshoot contest (2018)
- Organized network seminars with companies
- Organized technical sharing

Licenses & Certifications



Cisco Certified Network Associate Routing and Switching (CCNA) - Cisco
Networking Academy

Skills

web privacy • Selenium • Information Security • Kubernetes • Academic Achievement • Higher Education • Continuous Integration and Continuous Delivery (CI/CD) • Software Development • Cloud Computing • Computer Networking

Honors & Awards

Scientific research program - University of Information Technology

Sep 2020

Build a system to detect Tracking through Machine Learning - 100 percent funded

Scientific research program - University of Information Technology

Aug 2019

Build a system to detect Malicious Web Resources through Machine Learning - 100 percent funded

Scholarship encouraging study - University of Information Technology

2019

Award for top 10 highest-ranked students - 120 percent of tuition

Scholarship encouraging study - University of Information Technology

2018

Award for top 10 highest-ranked students - 120 percent of tuition