

Huynh Nguyen Quoc Bao

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EDUCATION

SWINBURNE UNIVERSITY OF TECHNOLOGY

Bachelor of Computer Science in Internet of Things

Ho Chi Minh City, Vietnam

September 2021 - October 2025

SKILLS

Cloud & Infrastructure: AWS (EKS, EC2, S3, IAM, VPC), Terraform, Helm

Containers & Orchestration: Kubernetes, Docker, Docker Compose

Linux: Ubuntu/SUSE Linux administration, system hardening, system configuration, process/service management, troubleshooting

Automation & DevOps: Python, Bash Scripting, Jenkins, Golang, GitHub Actions, Git/GitHub

Observability & Security: Checkov, IAM, Static Security Scanning

EXPERIENCES

Endava Vietnam

Cloud Native Developer

Ho Chi Minh City, Vietnam

Jan 2026 - Present

- Owned **PRA** and **security releases**, driving continuous improvements to **release workflow, stability, and quality**.
- Developed and improved **Robot Framework system tests, Bash scripts, Helm Hooks**, and **Kubernetes** validation workflows.
- Supported **cloud-native** platform delivery in **Agile/Scrum** teams using **Jenkins, Helm, Linux**, and **DevOps** best practices.

NAB Innovation Centre Vietnam

Cloud DevOps Engineer

Ho Chi Minh City, Vietnam

May 2025 – Oct 2025

- Managed and monitored **AWS EKS** infrastructure supporting **20+ microservices**, maintaining **99.9% uptime** and production stability.
- Built **Python automation** to centralize **Network Security Group** configuration, reducing manual effort and accelerating deployments.
- Performed **Linux system administration** and **automated patch management** for **50+ servers**, strengthening security and compliance.

VIoT Technology JSC.

IoT Engineer Intern

Ho Chi Minh City, Vietnam

June 2024 – Nov 2024

- Optimized **backend server performance** for **real-time data streams**, improving **scalability** and **reliability**.
- Supported **LoRaWAN gateway/server** operations and troubleshooting to maintain stable **data collection** and **connectivity**.
- Collaborated with engineering teams to improve **coding standards** and **backend system efficiency**.

PROJECTS

[Automated Cloud Infrastructure Project](#)

- Automated **AWS infrastructure provisioning** using **Terraform** and **GitHub Actions**.
- Integrated **Checkov** into the **CI/CD pipeline** for **static security scanning** and vulnerability detection.
- Managed **remote state** with **HCP Terraform** to improve collaboration, consistency, and deployment reliability.

ACTIVITIES

ITea Lab

Head Lab

Ho Chi Minh City, Vietnam

September 2023 – Now

- Designed and delivered technical workshops on Cloud Infrastructure and Automation, including:
 - [Git & GitHub for Beginners!](#)
 - [Cloud Series](#)
- Presented on [AWS Cloud Mastery - DevOps on Cloud](#), sharing practical insights on building scalable cloud infrastructure and navigating the DevOps career path with the student community.