

LA HUY HOANG - DevOps Fresher

📍 Go Vap, Ho Chi Minh City | ✉ lahuyhoang04@gmail.com | ☎ (+84) 867 419 499
🌐 linkedin.com/in/huyhoanglaprofile | 🐙 github.com/HuyHoang04

CAREER OBJECTIVE

A recent graduate specializing in **DevOps**, focused on automating, deploying, and operating highly reliable systems in real-world environments. Passionate about exploring cloud-native tools, CI/CD pipelines, and Infrastructure as Code (IaC) to optimize system speed, security, and performance. Aiming to become a professional DevOps Engineer, building robust infrastructure for large-scale and distributed systems.

EDUCATION & CERTIFICATIONS

- **HCMC University of Technology and Education (HCMUTE)** | *Engineer's degree, Information Technology*
- **TOEIC 800** – Proficiency in professional English communication.
- **DevOps for fresher** – DEVOPSEDU.VN.
- **AWS Academy Graduate** – AWS Academy Cloud Developing.
- **AWS Academy Graduate** – AWS Academy Cloud Foundations.

EXPERIENCE

Software Engineer

07/2025 – 11/2025

Primas Group

- Actively participated in developing and operating a real-world product: an **automated multi-channel messaging and calling system** for customer service.
- Built internal operational tools to monitor Inbound/Outbound message and call flows, and configured health checks for microservices, ensuring High Availability.
- Conducted testing, configuration, and deployment of .NET, Node.js, and Angular applications on **Windows IIS** server environments.
- Assisted in troubleshooting backend operational incidents, resolving UI bugs, and deploying new features based on market requirements.

PROJECTS

Automated Multi-platform Social Media & AI Content Solution

- Architected a Microservices solution integrating **AI/ML RAG** pipelines to automate brand-aligned multimedia content generation and simultaneous publishing across platforms (Facebook, LinkedIn, Bluesky,...).
- Managed Infrastructure as Code (**IaC**) using **Terraform**, automating resource provisioning and management on AWS.
- Established **GitLab CI/CD** pipelines to automate Build, Test, and Deploy processes, minimizing manual intervention and optimizing the software release cycle.
- Deployed the distributed system on a **Kubernetes (K8s)** cluster, utilizing AWS ECR for image management and AWS S3 for storage.
- Managed domain via **Cloudflare DNS**, securing Traefik Ingress traffic with automated SSL/TLS certificates.

SkyAid Drone Surveillance & Rescue System

- Built a distributed Microservices backend system to manage massive real-time data streams from drones for flood rescue operations.
- Established low-latency (<500ms) P2P video streaming pipelines via **WebRTC** and synchronized GPS data using WebSockets.
- Containerized the application and AI services using **Docker**, ensuring environmental consistency and horizontal scalability.
- Integrated independent AI Analytics services for object detection and voice processing, decoupling heavy workloads from core business logic.
- **Top 8 Finalist:** AIoT Developer InnoWorks 2025 (Southern Region) & Electronic Design Contest 2026.

SKILLS

- **DevOps & Cloud:** Terraform, GitLab CI/CD, Kubernetes (K8s), Docker, AWS (EC2, ECR, S3), Windows IIS, Linux.
- **Monitoring & Observability:** Prometheus, Grafana.
- **Programming Languages:** Python, Java, JavaScript, TypeScript, Bash/Shell Scripting.
- **Backend & Database:** Spring Boot, FastAPI, Node.js, .NET, PostgreSQL, MySQL.