

TRAN HUNG ANH

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Junior DevOps Engineer with hands-on experience in cloud-native infrastructure and CI/CD automation. Successfully reduced pipeline setup time by 30% during internship at THD Cybersecurity. Proficient in Jenkins, Helm, and AWS ecosystem. Fluent in English (TOEIC 975) and eager to contribute to 5G Radio development tools.

EDUCATION

University of Science – VNUHCM, Ho Chi Minh City

2022 - Exp. Nov 2026

Bachelor of Science in Computer Networking and Telecommunication

- **English Proficiency:** TOEIC 975/990 (Professional Working Proficiency)

TECHNICAL SKILLS

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- **Container Orchestration:** Kubernetes, Docker, Helm, Istio Service Mesh.
 - **CI/CD & Automation:** Jenkins, GitLab CI, ArgoCD (GitOps), Ansible, Terraform.
 - **Scripting & Languages:** Bash, Python, Groovy (Jenkins Pipelines).
 - **Observability:** Prometheus, Grafana, Loki, Zipkin.
 - **Cloud Platforms:** AWS, Linux.

PROFESSIONAL EXPERIENCE

THD Cybersecurity

Jul 2025 – Oct 2025

DevSecOps Intern

- Engineered modular GitLab CI/CD pipelines incorporating SAST/DAST automation, reducing developer pipeline setup time by **30%**.
- Architected a lightweight Kubernetes (K3s) cluster to replace manual deployment scripts, enabling self-healing capabilities for internal web apps.
- Established a feedback loop for build failures by integrating webhook notifications, improving Mean Time to Recovery (MTTR) by centralizing error alerts.

KEY PROJECTS

Microservices Orchestration System (Kubernetes/GitOps)

Mar 2025 – Jan 2026

Technologies: Kubernetes, Helm, Jenkins, ArgoCD

- Deployed a Java microservices reference architecture (PetClinic) to a live k8s cluster.
- Packaged applications using **Helm charts** to standardize deployments and simplify version management.
- Developed scripted Jenkins pipelines (Groovy) and implemented ArgoCD (GitOps) to automate the release lifecycle, eliminating configuration drift.
- Integrated Istio Service Mesh and a Prometheus/Grafana stack for end-to-end security and observability.

Hybrid Cloud E-Commerce Architecture (AWS)

Jun 2025

Technologies: AWS Lambda, Lightsail, S3, CloudFront

- Deployed a cost-effective WordPress architecture on **AWS Lightsail**, ensuring stable performance for content management.
- Implemented **AWS Lambda** functions to handle backend automation triggers, optimizing compute costs by 20% compared to always-on EC2.
- Configured AWS CloudFront (CDN) and S3 integration to offload static assets, ensuring low-latency page loads for end-users.