

Linh Tran-Nhut

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gitlab.com/nhutlin

OBJECTIVE

DevOps Engineer with nearly 1 year of experience working with payment systems (Smart POS, VA Management, OPEN API) for Vietnamese banks. Passionate about automating infrastructure, optimizing CI/CD pipelines, and ensuring high availability of microservices architecture. Proficient in cloud computing, containerization, network system, and security best practices.

EDUCATION

University of Information Technology - VNU-HCM

September 2021 – June 2025

- Major: Computer Networking and Data Communication
- GPA: 8.17/10

TECHNOLOGIES

Languages: C++, C#, Java, Python, Bash Script

CI/CD & GitOps: GitLab Runner, Kaniko, Helm, Jenkins, Flux CD, Argo CD

Cloud: AWS, CMC Cloud, FPT Cloud

Infrastructure as Code: Terraform, Ansible

Containerization & Orchestration: Docker, Kubernetes

Networking: TCP/IP, HTTP, HTTPS, SSL/TLS, FTP, SSH

Security: SonarQube, OWASP Dependency Check, Trivy, OpenSCAP, HashiCorp Vault

Proxy: Nginx, HAProxy

Monitoring & Logging: Grafana, Prometheus, Loki, Wazuh, WireShark, Zabbix

Databases: PostgreSQL, MongoDB, Redis

Registry: Harbor, AWS ECR

Linux: Arch, Ubuntu, Kali, CentOS

EXPERIENCE

DevOps Engineer, ATOM Solution – District 7, Ho Chi Minh City, Vietnam

Jun 2024 – Apr 2025

- Participated in production projects: Atom Processor x BVBank, Merchant Platform x OCB, ViTrust and WESAP
- Optimized cloud resources, reducing infrastructure costs by 40% while maintaining performance and reliability
- Designed, maintained and implemented CI/CD pipelines in GitLab CI for ERP, payment processing and web3 applications
- Automated system monitoring and logging using Prometheus, Grafana, Loki and Wazuh by Ansible
- Deployed and managed microservices on Kubernetes, optimizing scalability and resource allocation
- Migrated microservices to Kubernetes clusters from AWS to CMC and FPT Cloud in staging and production environments.
- Developed and maintained automation scripts using Bash to alert, backup, sync data and automate routine task

PROJECTS

Integrating and evaluating OpenSCAP in CI/CD models - Graduation Thesis Project

Feb 2025 – Present

Link: gitlab.com/nt505

- Researched and explored the features of OpenSCAP
- Integrated OpenSCAP into GitLab CI/CD pipelines to scan for and automatically remediate system vulnerabilities based on the CIS Benchmark prior to deployment on Kubernetes
- Evaluated the performance of GitLab CI and GitHub Actions in the deployment of OpenSCAP
- Technologies: oscan, GitLab CI/CD, SonarQube, Trivy, AWS, Argo CD, Kubernetes, Ansible, Terraform, Vault

Implementing DevSecOps model for E-Commerce Web Application using MERN Stack and Microservices Architecture

Sep 2024 – Dec 2024

Link: gitlab.com/devops_project3453439

- Designed and implemented secure CI/CD pipelines in GitLab and AWS EKS to automate the product deployment process, significantly improving the deployment speed and reliability.
- Utilized Ansible to setup Wazuh agent for monitoring and utilized Terraform for creating AWS EKS infrastructure
- Implemented Vault Server as a secret manager
- Technologies: GitLab CI/CD, SonarQube, Trivy, AWS, Flux CD, Kubernetes, Wazuh, Ansible, Terraform, Vault

Researching and evaluating CI/CD models

Feb 2024 - June 2024

Link: github.com/nhutlin/Instagram-mern-CICD

- Created a Dockerfile to build the source code into Docker images
- Automatically check out, test, and build the source code using a Jenkinsfile
- Deployed the application to a Kubernetes cluster in a local environment
- Used AWS EC2 to set up a Jenkins server, a Git local server, and a Kubernetes cluster
- Technologies: GitHub, Docker, Kubernetes, AWS, Jenkins, VMWare

ACHIEVEMENTS

- Scholarship for studying - Top 5

Semester 1, 2022-2023

- Scholarship for studying - Top 7

Semester 2, 2022-2023

SOFT SKILLS

- Basic English communication (B1)
- Teamwork effectively
- Time management
- Working under pressure