Tran Nhut Linh

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portfolio.linhdevops.cloud

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

EXPERIENCE

DevOps Engineer, ATOM Solution – District 7, Ho Chi Minh City, Vietnam Jun 2024 – May 2025

- Developed and maintained a PCI-DSS compliant payment system for BVBank and OCB through ATOM Processor x BVBank and Merchant Platform x OCB project using Kubernetes, Flux CD, GitLab CI, HAProxy, Ingress Nginx, OpenVPN, MinIO, Harbor, Cloudflare as DNS
- Optimized cloud resources, reducing infrastructure costs by 40% while maintaining performance and reliability
- Automated system monitoring and logging using Prometheus, Grafana, Loki and Wazuh by Ansible
- Migrated microservices on 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 tasks

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: oscap, 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

TECHNOLOGIES

Languages: C++, C#, Java, Bash Script
CI/CD & GitOps: GitLab CI, Kaniko, Jenkins, Flux CD, Argo CD
Cloud: AWS (EC2, ECR, EKS, S3, Lightsail, Lambda), CMC Cloud, FPT Cloud
Infrastructure as Code: Terraform, Ansible, Helm
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, Suricata, WireShark, Zabbix, Kafka, Debezium
Databases: PostgreSQL, MongoDB, Redis
Registry: Harbor, AWS ECR
Linux: Arch, Ubuntu, Kali, CentOS

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