

Luu Minh Thien

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OBJECTIVE

I'm a fourth-year tech enthusiast at the University of Information Technology, VNU-HCM, geeking out over Computer Networks and Data Communications! I'm on a fun ride to become a DevOps/System Engineer, where I get to mess around with networks, systems, and automation. I'm all about setting up slick systems, tweaking network vibes, and automating the boring stuff to keep things running smoothly - basically, I love making tech work like magic!

EDUCATION

University of Information Technology – VNU-HCM

Sep 2021 – Jun 2025 (Expected)

- **GPA:** 9.00/10
- **Major:** Computer Networks and Data Communications.
- **Achievements:**
 - 6 academic scholarships/7 semesters.
 - Awarded the prestigious MIRAE ASSET Scholarship.
 - Awarded Academic Excellence for 7 consecutive semesters.

WORK EXPERIENCES

ATOM Solution (Ho Chi Minh City, Vietnam)

June 2024 – April 2025

DevOps Engineer

- Participated directly in building and managing the production infrastructure for merchant platforms of OCB and BVBank, ensuring stability and scalability.
- Collaborated with the development team to deploy services to K8s clusters in production environments.
- Implemented and managed proxy servers and monitoring tools to enhance system performance and reliability.
- Developed automation scripts using Bash, Python, Ansible, and Terraform to streamline infrastructure deployment and management.
- **Technologies:** GitLab, Docker, Kubernetes, HAProxy, Nginx, Prometheus, Loki, Grafana, Harbor, SonarQube, Trivy, FluxCD, Ansible...

PROJECTS

Build a CI/CD pipeline for a microservices application

Mar 2024 – June 2024

Implemented CI/CD pipeline for a Microservices-Based Web Application on the local system and AWS.

Responsibilities:

- Developed a simple microservices architecture comprising a front-end and multiple back-end services.
- Provisioned resources using Terraform and configured Kubernetes clusters with 'kubeadm' via Ansible, ensuring a scalable and automated setup.
- Implemented CI/CD pipeline with Jenkins, deploying the application locally and on AWS by Docker and K8s.

Monitoring Cloud infrastructure using Prometheus & Loki with Grafana & Icinga for microservices application on K3s

Sep 2024 – Nov 2024

Designed a monitoring system for microservices application on K3s using Prometheus, Loki, Grafana, and Icinga for metrics, logging, and alerts.

Responsibilities:

- Designed and managed cloud infrastructure, writing Terraform, Ansible scripts, and Kubernetes manifests.
- Deployed and maintained web application, configured HAProxy, and troubleshoot K3s clusters.
- Implemented monitoring with Prometheus, Loki, and Grafana for performance and system health insights.

Implementing a DevSecOps model for High Availability CI/CD system in microservices environments **Sep 2024 – Dec 2024**

Designed a secure, high-availability CI/CD system by integrating security into the development pipeline, ensuring seamless deployments, vulnerability detection, and operational efficiency.

Responsibilities:

- Built and managed CI/CD pipelines using GitHub Actions for CI and FluxCD for automated CD.
- Automated scripts using Terraform, Ansible, and Kubernetes manifests tailored to fit deployment needs.
- Integrated security tools such as SonarQube, Trivy, and Vault to enforce DevSecOps practices, ensuring secure code, vulnerability detection, and secrets management.

AWARDS

Net Challenge 2023

Oct – 2023

Issued by **Faculty of Computer Networks and Communications, University of Information Technology VNU-HCM:**

- Achieved **Third Prize** as part of a 3-member team in the final round of a competitive challenge focused on network configuration and troubleshooting.

Certificates of Academic Excellence

2021 – 2025

Issued by **Cỏ May Dormitory:**

- Granted a **full-tuition university scholarship** for underprivileged students with exceptional performance.
- Awarded for achieving GPA 9.02 (2022–2023) and GPA 9.05 (2023–2024).
- Recognized for outstanding academic and personal achievements across two consecutive academic years.

TECHNICAL SKILLS

- **Programming & Scripting:** Python, Bash, JavaScript, Ansible, Terraform, PowerShell, CloudFormation.
- **CI/CD Tools:** Jenkins, GitLab CI, GitHub Actions, FluxCD, ArgoCD.
- **Containerization & Orchestration:** Docker, K8s (AWS EKS, RKE2, K3s), Docker Swarm, Rancher, Helm.
- **Cloud Platforms & OS:** AWS, CMC, FPT, Linux (Ubuntu).
- **Monitoring:** Prometheus, Loki, Grafana.
- **Reverse Proxies/API Gateways:** HAProxy, Nginx, API6.
- **Databases:** MongoDB, MySQL, Redis.
- **Security:** Checkov, SonarQube, Trivy, Vault.
- **Design Patterns:** Microservices, MVC.
- **Storage:** GitHub, GitLab, Harbor, MinIO.
- **Networking:** TCP/IP, HTTP, HTTPS, SSL/TLS, SSH.