

# Phạm Tiến Thuận

## DevOps Engineer

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### Professional Summary

DevOps Engineer with strong expertise in Kubernetes, CI/CD, and Baremetal infrastructure. Certified Kubernetes Administrator (CKA) with hands-on experience in implementing and managing enterprise-grade infrastructure. Passionate about Infrastructure as Code and automation.

### Technical Skills

#### Infrastructure & Platform:

- **Containerization:** Docker, Kubernetes (CKA Certified), Helm
- **Infrastructure:** Experienced in Baremetal setup and management, Kubernetes cluster administration
- **Web Infrastructure:** Nginx, HAProxy for load balancing and reverse proxy
- **Message Queue:** RabbitMQ with High Availability cluster configuration

#### DevOps & Automation:

- **CI/CD:** Jenkins, GitLab CI, ArgoCD
- **Version Control:** GitLab, GitHub, BitBucket
- **IaC & Configuration:** Ansible, Custom automation scripts
- **Monitoring & Observability:** ELK Stack, Prometheus, Grafana

#### Programming:

- **Languages:** Python, Go, Bash, Java, Kotlin
- **Frameworks:** Spring Boot

#### Databases:

- MySQL, MongoDB (HA Configuration)

### Professional Experience

#### DevOps Engineer | Minh Phúc Transformation | 07/2024 - Present

- Architected and maintained production Kubernetes clusters on Baremetal infrastructure
- Implemented GitOps workflow using ArgoCD and Helm for automated application deployment
- Optimized Jenkins deployment by standardizing Freestyle projects and implementing Jenkins Job Builder for template-based job management
- Reduced CI/CD pipeline creation time through reusable job templates and automated configuration
- Established comprehensive monitoring using ELK Stack for logs and Prometheus-Grafana for metrics
- Set up and managed Harbor registry for secure container management
- Automated infrastructure provisioning and configuration using IaC principles

#### Android Developer | Apero Technologies Group | 01/2024 - 06/2024

- Developed Android applications following Agile methodologies
- Built and maintained CI/CD pipelines for application deployment
- Collaborated with team members to implement new features and optimize app performance

#### Android Developer | Keego Mobile | 06/2022 - 11/2023

- Developed and published multiple Android applications to Play Store
- Managed complete application lifecycle from design to deployment

## Self Projects

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### Ecommerce Infrastructure Project

- Designed and implemented complete Baremetal Kubernetes infrastructure using kubeadm
- Integrated GitLab, Harbor registry, and ArgoCD for end-to-end CI/CD
- Built comprehensive monitoring and alerting system
- Configured and managed RabbitMQ HA cluster for reliable message queuing
- Implemented security practices with SonarQube (SAST) and Trivy for container scanning
- Set up Local CA for internal certificate management

### Infrastructure Automation Tool (Vmctl):

- Developed custom IaC tool for Linux VM management
- Implemented template-based configuration management
- Integrated with Lima for local development environments

## Certifications

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- [Certified Kubernetes Administrator \(CKA\)](#) | 2025
- TOEIC 650 | 2025

## Volunteer Experience

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- **Member** | Programming Club PTIT (Proptit) | 2020 - Present

## Education

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### Posts and Telecommunications Institute of Technology (PTIT)| 2020

- Expected to graduate in 05/2025
- B.S. in Information Technology
- GPA: 3.26