

Nguyen Hoang Phuc

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Adaptable DevOps Engineer Intern with a focus on automating manual tasks and ensuring smooth deployments. Skilled in Git, CI/CD, Docker, Kubernetes. Committed to enhancing team productivity and system stability.

WORK EXPERIENCE

Frontend Internship

Jun 2024 - Aug 2024

TMA Solutions

Ho Chi Minh

- **Developed** a dynamic social travel application using Angular, enhancing the platform with user-friendly features and ensuring high-quality performance.
- **Integrated** the front-end interface with backend APIs, facilitating efficient data exchange and a seamless user experience.
- **Implemented** and **maintained** CI/CD pipelines with GitLab CI/CD, automating the deployment process to achieve faster and more reliable updates.
- **Containerized** the application using Docker, improving scalability, consistency, and deployment efficiency across various environments.
- **Collaborated** with team leads and colleagues, participating in daily stand-ups and biweekly sprint meetings to align on project goals and track progress.

EDUCATION

Information Security

Sep 2021 - Present

Posts & Telecoms Institute of Technology HCM (PTIT HCM)

PROJECTS

Kubernetes Cluster Setup on Google Cloud

Architected and maintained a Kubernetes cluster using GKE to host applications.

- Architected and deployed a scalable Kubernetes cluster on Google Kubernetes Engine (GKE), ensuring high availability and load balancing for containerized applications.
- Integrated CI/CD pipelines to automatically deploy applications to the Kubernetes cluster, ensuring faster delivery and minimizing manual intervention.
- Implemented autoscaling and resource optimization, dynamically adjusting compute resources to handle fluctuating traffic, improving resource efficiency.
- Managed and monitored cluster performance with Prometheus and Grafana, setting up alerting systems to quickly identify and resolve bottlenecks, improving system reliability.

Automated Deployment Pipeline (Gitlab CI/CD, Docker & EC2)

Streamlined the CI/CD process by developing a Gitlab CI/CD pipeline that automated build, test, and deployment for Docker containers.

- Set up a Gitlab CI/CD pipeline to automatically test, build, and deploy a web application.
- Integrated Docker to containerize the application, ensuring consistent deployments across environments.
- Deployed the application on AWS EC2 instances.

SKILLS

Languages: JavaScript, Bash Script

Version Control: Git, GitHub/GitLab

CI/CD Tools: Gitlab CI/CD, Jenkins

Containerization: Docker, Kubernetes

Monitoring Tools: Prometheus, Grafana

Others: Linux, Nginx, Networking

CERTIFICATIONS

DevOps for Freshers (Credential ID: #f67829b57fec3c5b) [🔗](#)

Jul 2024

LANGUAGES

English (Limited working proficiency)