THAO VU

DevOps Engineer
Hanoi, Vietnam
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PROFILE

Hi, I am a seasoned DevOps Engineer certified in Kubernetes and OpenStack. Throughout 8+ years working in multiple industries, I have helped my clients achieve the following:

- 75% reduction in lead time for changes (the length of time between when a code change is committed to the trunk branch and when it is in a deployable state)
- 70% reduction in change failure rate (the percentage of code changes that require hot fixes or other remediation after production)
- 80% increase in deployment frequency (how often new code is deployed into production)
- 70% reduction in mean time to recovery (how long it takes to recover from a partial service interruption or total failure)

EMPLOYMENT HISTORY

DevOps Engineer, Bao Viet Holdings [https://www.baoviet.com.vn], Hanoi
SEPTEMBER 2020 — PRESENT

- Optimize system, operate and monitor application using ELK and Grafana
- Moving monolithic applications to microservices running on Kubernetes
- Research and develop tools to deploy applications on private cloud OpenStack like Ansible and AWS CloudFormation
- Deploy and manage applications automatically using Jenkins, gitlab, helm...
- Securely deploy Kubernetes Clusters on private cloud servers
- Moving applications from private cloud to public cloud like AWS
- Research and deploy OpenStack systems for private cloud with IAAS, DBAAS, and SAAS

DevOps Engineer, AWING Vietnam [http://awing.vn], Hanoi
SEPTEMBER 2017 — AUGUST 2020

- Lead the company's system and network team
- Set up, operate, and monitoring internal systems including email server, databases (mysql, mongodb) and timescale with high availability and zero downtime
- Manage, improve, and monitor infrastructure of Vincom system wifi marketing and private cloud server
- Design, setup, operate and monitor AWING's private Kubernetes system
- Use Jenkins to implement CI/CD for Kubernetes system
- Build ELK, Promethues, and Grafana to monitor systems
- Build and deploy Docker containers to Kubernetes system, improving developer workflow, increasing scalability, and optimizing speed with shell scripts and Python

Network Engineer, Tech Horizon [https://techhorizonvn.com/en], Hanoi
SEPTEMBER 2015 — JUNE 2017

- Design and deploy system networks and security for partners
- Support customers for incidents in Firewall, FortiMail, FortiWeb, FortiAdcof, and Fortinet
- Create system servers in VmWare running HA

CERTIFICATIONS

COA: Certified OpenStack Administrator

OCTOBER 2022 — OCTOBER 2025

View Badge

CKA: Certified Kubernetes Administrator

DECEMBER 2021 — DECEMBER 2024

View Badge

CKAD: Certified Kubernetes Application Developer

OCTOBER 2021 — OCTOBER 2024

View Badge

CKS: Certified Kubernetes Security Specialist

APRIL 2021 — APRIL 2023

View Badge

LINKS

Upwork Profile

EDUCATION

Bachelor's Degree in Electronics and Telecommunication , Ha NoI University Of Science And Technology

OCTOBER 2009 — MAY 2015