NGUYEN THAI SON

DevOps Engineer

Phone:	+84 396 161 954
Email:	sonnhat129@gmail.com
LinkedIn:	linkedin.com/in/son-n-114539152/
Github:	github.com/sonnguyenHT
Website:	thaisonhtportfolio.vercel.app
Location:	Ho Chi Minh City, Vietnam

Summary

I have practical experience in deploying and overseeing cloud-based, on-premise applications and services. Skilled in Python and Bash scripting, I have a strong grasp of networking and security concepts. My expertise includes cloud computing technologies, focusing on AWS, Azure, and Kubernetes (K8S) for container orchestration.

Skills

- **Programming:** Python, Bash

- **Operating Systems:** Linux, Windows

- **Relational Databases:** MySQL, PostgreSQL

- **Infrastructure as Code:** Terraform, Terragrunt, Ansible

- **Cloud Services:** AWS, Azure

- **Version Control:** Git

- **Containerization:** Docker

- **Container Orchestration:** Kubernetes (K8S, K3S)

- **CI/CD Tools:** GitHub Actions, GitLab Actions, ArgoCD

- **Monitoring Tools:** Prometheus, Grafana, Loki,Logstash, Elasticsearch, Kibana

- **Service Mesh:** Istio

- **Message Queue:** Kafka

- **VPN:** OpenVPN, WireGuard, tailscale

- **AI tools:** n8n, OpenAI, MCP(model context protocol)

Experience

LTV SOFTWARE COMPANY LIMITED   *Ho Chi Minh City, 06/2024 - Present*
DevOps Engineer

- Setup tailscale VPN for vessel ships to connect to the shore network securely

- Set up a service mesh (Istio) on an EKS cluster to manage traffic routing and ingress effectively

- Established efficient pipelines for new repositories using GitHub Actions and GitLab Actions

- Improved resource allocation for services on EKS

- Managed various services related to maritime transport logistics

- Installed and updated remote services in K3S cluster on vessel ships

- Monitored Java services both on vessel and shore using JMX exporter and Prometheus, displaying metrics on Grafana

- Set up centralized logging for all services on shore using Loki and Grafana

GALAXY FINX JOINT STOCK COMPANY *Ho Chi Minh City, 10/2022 - 11/2023*
Cloud Engineer

- Created Terraform modules for AWS VPC, load balancers, autoscaling groups, EC2 instances, Azure vNet, Azure Kubernetes, and more

- Managed Terraform state via Terragrunt with state files on AWS S3 and locks with DynamoDB

- Developed Ansible scripts for Couchbase clusters, Bastion VM user management, and OpenVPN setup

- Deployed Kubernetes resources using ArgoCD for continuous deployment

- Utilized CI tools like GitHub Actions for creating deployment images

- Implemented monitoring systems with Prometheus and Grafana

Education

FPT University, Ho Chi Minh City *09/2020 - 05/2024*
Major: Information Assurance
Final GPA: 8.1/10
Achievements: Good Student Award in Spring, Summer, and Fall semesters.

Passions

I am eager to join a company that invests in employee growth with structured career paths and continuous learning opportunities such as training, workshops, and certifications. I am particularly passionate about optimizing CI/CD pipelines to eliminate bottlenecks and improve efficiency.