

NGUYEN THAI SON

DevOps Engineer

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Location: Ho Chi Minh, Viet Nam

Summary

I have practical experience in deploying and overseeing cloud-based 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
- **Service Mesh:** Istio

Experience

LTV SOFTWARE COMPANY LIMITED
DevOps Engineer

Ho Chi Minh City, 06/2024 - Present

- 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.
- Install and update for remote services in K3S cluster on vessel ships.
- Monitoring Java services both vessel and shore by JMX exporter and Prometheus, show metrics on Grafana.

- Setup centralized logging for all services on shore by 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.