

DO VAN DUY

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Overview

Over 5 years of dedicated DevOps experience, including proficiency in cloud environments like AWS & GCP. A forward-thinking DevOps Engineer with a robust background in optimizing operating systems within agile frameworks. Specializing in the strategic deployment of technologies like Terraform, AWS, Kubernetes, and GitOps principles, I ensure scalable, efficient, and innovative IT infrastructures. My expertise extends to automating workflows, crafting CI/CD pipelines, and integrating GitOps for enhanced operational clarity and consistency.

Skills Summary

Languages: Python, Bash, Golang (basic)

Infrastructure & Platform: Kubernetes, Docker and GitOps(fluxcd)

Monitoring & Logging: VictoriaMetrics, Prometheus, Grafana, Loki, Graylog

CI/CD: GitHub Actions, Jenkins, GitLab CI

Storage Engines: Elasticsearch, Kafka, RabbitMQ, Redis, PostgreSQL, ScyllaDB, MySQL, MongoDB

Cloud & Tools: AWS, GCP, Terraform, Git, Cloudflare, Temporal, Vault, KEDA,

Networking: TCP/IP, DNS, DHCP, SSH, Load Balancer, VPN, VPC, telnet.

Soft Skills: Responsibility, Problem Solving, Communication, Teamwork, Time Management

Work Experience

Opswat

Site Reliability Engineer II

Onsite / Ho Chi Minh, VietNam

December 2024 - Now

- Managed multi-environment infrastructure using Terraform and GitOps(fluxcd)
- Built observability stack with VictoriaMetrics and Loki for unified metrics and log monitoring.
- Operated core data services including MongoDB, Redis, and RabbitMQ for application storage, caching, and messaging.
- Networked with TCP/IP, DNS, DHCP, SSH, Load Balancer, VPN, VPC, telnet, etc.
- Tracked and managed tasks with Jira/Confluence.

ChoTot

DevOps Engineer

Onsite / Ho Chi Minh, VietNam

July 2022 - December 2022

- Migrated On-Premise staging to GCP with optimized databases and storage for cost efficiency.

- Modernized Kubernetes clusters and leveraged GKE Spot workloads to achieve a 30% reduction in compute costs without service disruption.
- Managed CI/CD pipelines with GitHub Actions, contributing reusable workflows.
- Managed server-side and ingress technologies including Nginx, Nginx Ingress, and Kong.
- Utilized Terraform for infrastructure as code on GCP and AWS.
- Hands-on with databases: MySQL, MongoDB, Redis, PostgreSQL, ScyllaDB.
- Developed and contributed to Helm charts for managing applications.
- Replaced Bastion hosts with Cloudflare Zero Trust, improving access control.
- Implemented monitoring and logging with Prometheus, Grafana, and VictoriaMetrics.
- Defined SLI/SLOs to measure and enhance reliability, latency, and availability (HTTP/gRPC).
- Networking experience with TCP/IP, DNS, DHCP, SSH.
- Responded to incidents, troubleshoot system issues, and provided night support to ensure smooth releases and operations.
- Tracked and managed tasks with Jira/Confluence.

Spores

DevOps Engineer

Remote / Ho Chi Minh, VietNam

October 2021 - July 2022

- Managed and deployed applications across Development, Testnet, and Mainnet environments.
- Built CI/CD pipelines with GitHub Actions, CodeCommit, and ArgoCD for GitOps.
- Used Terraform for AWS infrastructure and GraphNode for blockchain data indexing (Ethereum, BSC, Polygon).
- Hands-on experience with databases such as MySQL, Redis, PostgreSQL, and AWS services.
- Deployed and maintained monitoring and logging tools such as Prometheus, Grafana, and Loki.
- Tracked and managed tasks with Jira/Confluence.

FireGroup

System Engineer

Onsite / Ho Chi Minh, VietNam

May 2020 - October 2021

- Migrated legacy systems to AWS, building new projects from scratch.
- Designed CI/CD pipelines using Jenkins, GitHub Actions, and GitLab CI.
- Managed GitOps deployments with Helm and FluxCD on EKS.
- Utilized Terraform for infrastructure as code on AWS across staging, UAT, and production.
- Hands-on with databases: MySQL, MongoDB, Redis, PostgreSQL; and a broad set of AWS services.
- Operated server-side technologies such as Nginx; cloud-native ingress like Nginx Ingress and Kong Ingress.

- Implemented monitoring and logging using the EFK stack, Prometheus & Grafana, and AWS CloudWatch.
- Tracked and managed tasks with Jira/Confluence.

Education

Ton Duc Thang University

Bachelor of Science in Computer Science

Courses: Data Structures, Networking, Operating System, Database, Multimedia Programming, Software Engineering

Ho Chi Minh, VietNam

August 2015 - October 2021