Contact

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Top Skills

Snyk
Sonarqube
Elastic Load Balancing

Certifications

CKAD: Certified Kubernetes
Application Developer

LFCA: Linux Foundation Certified IT
Associate

AWS Certified Solutions Architect –
Associate

DevOps Fundamentals

Thanh Nguyen

DevOps Engineer
Ho Chi Minh City, Vietnam

Summary

As an experienced DevOps engineer, I specialize in deploying
Infrastructure as Code, Cloud Operation, and CI/CD. My proficiency
with Terraform, Ansible, Git, Azure DevOps, and AWS/Azure/
vSphere cloud solutions enables me to efficiently manage and
deploy infrastructure for cloud-based environments. I possess strong
communication skills in English, which enables me to collaborate
effectively with customers and colleagues to deliver the most
valuable solutions for the company.

Experience

NAB Innovation Centre Vietnam
DevOps Engineer
March 2024 - Present (1 year 1 month)
Ho Chi Minh City, Vietnam

- Provision and manage scalable, secure, and highly available infrastructure
using AWS CloudFormation for services like EC2, Lambda, VPC, and S3,
ensuring efficient resource utilization.
- Design and maintain a robust Jenkins templating engine to support
approximately 50 jobs per environment across multiple environments,
streamlining CI/CD processes.
- Implement and manag Jenkins agents running on diverse EC2
configurations, including Spot Instances, On-Demand Instances, and
Dedicated Hosts, optimizing cost and performance.
- Ensure application security and adherence to code quality standards by
integrating tools such as Snyk for vulnerability scanning and SonarQube for
static code analysis.

EPAM Systems
DevOps Engineer
September 2023 - February 2024 (6 months)

- Provision and manage infrastructure on AWS with various services, such as
IAM, EC2, Lambda, VPC, Load Balancer, CloudWatch, and Systems Manager.

- Develop Terraform and Terragrunt code for provisioning AWS infrastructure across multiple environments.
- Develop Ansible scripts to configure specific services on EC2 instances.
- Manage CI/CD pipelines using AWS CodeCommit, CodeBuild, and CodeDeploy.

Saigon Technology - Top Software Outsourcing Company in Vietnam
DevOps Engineer
June 2022 - June 2023 (1 year 1 month)
Ho Chi Minh City, Vietnam

- Managed and maintained multiple cloud resources on Azure for up to 15 tenants across 5+ environments.
- Utilized various Azure services, including Key Vault, Storage Accounts, Logic App, APIM, and Application Insights, for secure storage, workflow automation, API management, and application performance monitoring.
- Implemented CI/CD pipelines using Azure DevOps for efficient and seamless deployments.
- Worked on Monitoring and Alerts to identify and resolve system issues promptly.
- Developed automation scripts using Powershell/Python to streamline processes and increase efficiency.

Orient Software Development Corp.
DevOps Engineer
January 2022 - June 2022 (6 months)
Vietnam

- Developed and maintained serverless mobile apps and web pages using AWS Amplify, leveraging API Gateway, Cognito, and Lambda functions.
- Implemented customer support web pages to enhance workflows and communication.
- Collaborated with developers to identify and resolve system issues, ensuring minimal downtime.

FPT Software
1 year

DevOps Engineer
July 2021 - December 2021 (6 months)

- Design, build, and develop multiple Jenkins pipelines for continuous integration (CI) and utilize ArgoCD for continuous delivery (CD) serving a microservices-based application.
- Configure and maintain Kubernetes clusters on both on-premise and cloud infrastructures.
- Ensure application performance and troubleshoot issues using the Elastic, Logstash, and Fluentd (ELF) stack.
- Review and develop related manifests such as Jenkinsfile, Dockerfile, and Kubernetes manifests.

CloudOps Engineer
January 2021 - December 2021 (1 year)

- Managed and maintained AWS services, including but not limited IAM, S3, EC2, VPC, and RDS, for high availability and performance.
- Managed infrastructure provisioning in 5+ environments using Terraform, utilizing S3 for state management and leveraging terraform workspace for multi-environment control.
- Used Ansible for daily health checks, monthly patching, and configuration of VMs, ensuring compliance and security.
- Built and maintained automated pipelines for provisioning 50+ EC2 instances using Jenkins, Terraform, Packer, Vault, and Ansible.

LINKBYNET
System Administrator
July 2019 - July 2020 (1 year 1 month)

- Windows system administrating, specializing in Azure and vSphere resources for hybrid systems
- Building and managing automated patching processes for Windows servers using Powershell and Chef.
- Integrating Zabbix for comprehensive monitoring of large-scale hybrid systems.

Education

University of Information Technology
Bachelor's degree, Information Technology · (2016 - 2021)