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Skills: Kubernetes, GCP, AWS, CI/CD, Docker, Terraform, Linux system, Shell, Git, Scrum

About me

Dedicated and highly motivated DevOps Engineer with a strong passion for Information Technology and a solid foundation in the basics of CI/CD pipeline. Experienced in handling cloud platforms like AWS and GCP, as well as trained in Kubernetes project and Helm repositories. Seeking to proactively engage in a professional working environment within the Information Technology industry to learn from predecessors and obtain additional certifications in DevOps. Long-term goals include expanding knowledge and practical professional skills while maintaining a keen awareness for learning and self-development. Possesses excellent teamwork and communication skills and approaches new knowledge with enthusiasm and a collaborative mindset.

Work Experience

Devops Engineer - Beowulf Corp

05/2022 - 11/2023

- Maintaining, conducting health checks on, and monitoring the blockchain node system to ensure its smooth and secure operation.
- Developed and implemented CI/CD pipelines for efficient production development.
- Successfully deployed various applications using multiple deployment strategies, ensuring accuracy and zero downtime.
- Proactively monitored applications to ensure optimal performance and promptly responded to any accidents or issues that arose during maintenance.
- Utilized Kubernetes technologies for deployment stack on both bare metal and cloud platforms, ensuring seamless integration and optimal performance.

Products:

· **Chat3** - [chat3.one](#)

A sophisticated social media platform founded on a smart contract on a blockchain network - aka SocialFi.

Duties: Implement GKE clusters, Build deployments pipeline, monitoring, process the issues and improve the application stability.

Technologies include: GKE, Rust, Elixir.

· **Quickom Events** - [quickom.net](#)

A comprehensive platform designed for event management and ticket sales.

Duties: Implement CI/CD pipeline, monitoring and manage infrastructure.

Technologies include: GCE, Elixir, Docker.

· **Quickom** - [quickom.com](#)

An innovative solution designed to facilitate seamless online conference meetings, support up to 10,000 clients in same room.

Duties: Manage deployments pipeline, maintain infrastructure and monitoring.

Technologies include: AWS EC2, Elixir, Golang, RTMP, Docker.

· **Farmfi** - [farmfi.net](#)

Support farmers directly and ethically by using smart contracts to buy their crops.

Duties: manage deployments pipeline and monitoring.

Technologies include: AWS EC2, Elixir, Docker.

· **Biploma** - [biploma.com](#)

Digitize and secure Degrees, diplomas, certificates, and badges on Blockchain.

Duties: monitoring, manage infrastructure and deployments pipeline.

Technologies include: GCE, Elixir, Docker.

Devops Engineer Fresher - FPT Telecom International

05/2021 - 05/2022

- Acquired proficiency in setting up, managing, and maintaining web applications.
- Facilitated communication between web applications and IoT devices such as cameras.
- Designed and developed a robust DRM service for managing licensed videos, ensuring secure and efficient distribution.
- Demonstrated proficiency in utilizing Rancher for container orchestration in deployment stack.
- Familiarizing with the process of deploying an application written by Golang.

Projects

Helm charts - Owner - github

07/2023 - 12/2023

- Demonstrated expertise in orchestrating web applications using Helm charts on basic.
- Executed a project with a two-tiered web application architecture: The first tier included 1 API, 1 Web, and 1 Database; the second tier expanded to incorporate 1 API, 1 Web, 1 Admin web page, and 1 Database.
- Illustrated adeptness in structuring cohesive and scalable systems.
- Highlighted the ability to design, implement, and manage complex application architectures through strategic Helm chart utilization.

Terraform Awesome - Owner - github

01/2023 - 03/2023

- Executed a project utilizing Terraform for deployment across two major cloud providers, GCP and AWS.
- Proficiently demonstrated Infrastructure as Code (IaC) principles by leveraging Terraform within a comprehensive project.
- Showcased a progressive understanding of Terraform, ranging from foundational concepts to advanced implementation.
- Successfully executed Terraform configurations to provision, modify, and manage resources, reflecting hands-on expertise.

Theses Storage System - Collaborator - A thesis about blockchain

12/2021 - 06/2022

- Supervisor: PhD. Nguyen Dinh Thuc
- Developed and maintained a blockchain for storing and sharing digital contents.
- Demonstrated proficiency in utilizing IPFS for effective data sharing and storage, contributing to the overall success of the project.
- Contributed to the development of a proof of ownership consensus mechanism for secure and transparent management of sensitive data, utilizing advanced technological tools and techniques.

Education

Bachelor of Science - HCM University of Science

2018 - 2023

- Major: Information Security
- GPA: 3.0/4.0
- Bachelor Thesis: A privacy-preserving decentralized platform for content management and sharing
- Acquired knowledge and training in cryptography algorithms, network security, data structure, and algorithm design. Additionally, gained insights into the practical applications of blockchain technology.