

Quach Dang

Thoai An

I'm a DevOps Engineer specializing in designing and implementing streamlined, automated workflows, and monitoring for seamless software development, deployment, and blockchain experience.

Relevant experience

DevOps Engineer - Hash Consulting Group Dec 2021 - Present

- Host and maintain a local private POA blockchain for tracking employee points, profiles, workload tracking,...
- Run and authenticate for self host Ethereum node with RPC-JSON server support for customer query high traffic query
- Implement & deploy service which listen to ERC-721 Smart Contract events for real-time update business logic
- Use Docker to containerized applications, backend service
- Use Jenkins to apply CI/CD for automate process build, test, security and deploy applications from Git Source control to Kubernetes Deployment
- Implement Logging, Monitoring to services / projects with Grafana Stack: Tempo, Mimir, Loki, Grafana
- Utilize the Otel Collector/Grafana Agent to collect, process, and export metrics, logs, and traces within a micro-services system.
- Implement auto scaling pods, nodes base on-traffic using Karpenter
- Apply Terraform and Helm to create templates for the efficient management of various resources, including AWS Services, Jenkins, Kubernetes deployment, DataDog, Grafana, Prometheus, and more.
- Establish and manage Kafka, Kafka Connector for ensuring high availability in support of queue and stream feature interactions.
- Deploy and oversee Hadoop to facilitate the support of streaming Spark job processes.
- Leverage the Kubernetes Client SDK to interact with APIs, enabling the seamless deployment and shutdown of AI model image within Pods in a Kubernetes cluster for backend services.
- Use AWS Cloud SDK to build APIs to support business feature create subdomain in route53, dynamic provisioning dedicated EC2 node in for tenant customer

DevOps Engineer - Phenikaa Maas Nov 2019 - Dec 2021

- Maintain and support streaming system for AI on the Edge product: Kafka AWS MSK,
- Automate build and upload mobile to app store
- Work closely with backend developers to troubleshoot internal issue in system.

anquach.dev@gmail.com
anquach.dev
github.com/anthoai97
linkedin.com/in/anquachdev

Skills

Programming Languages

Golang, Python, Javascript, Bash, PowerShell

Domain of understanding

AWS Cloud: Glue, S3, RDS, VPC, IAM
Blockchain: Ethereum, Geth, POA, Private Node Hosting,...
Data Streaming: Spark, Kafka
System Design: Microservice, HA, Load Balancer, Event Driven Design

Selected project

DayAway

An online destination for booking hotel experiences. It is also a travel and hospitality company that revolutionizes travel with the first blockchain-enabled membership and loyalty program of its kind.

GauVendi

An event-driven design is employed in a microservices booking system, with Kafka as the core component. The system incorporates Auto Scaling in Kubernetes to dynamically adjust resources based on traffic demands.

DataSpire

A microservices data platform has been established, featuring built-in AI models for seamless customer integration with near real-time latency. This is achieved through the integration of Kafka, Spark, and online store functionalities.

* Explore additional delivery projects on <https://anquach.dev/#jobs>

Interest

- Learn new technology
- Contribute open-source: <https://github.com/open-telemetry/opentelemetry-collector-contrib/pull/30318>