TU NGUYEN

Backend developer | Software engineer

✉ nguyenvantu28011998it@gmail.com
📞 (+84) 965 031 436
📅 01-28-1998
📍 Tay Ho, Ha Noi, VietNam
🔗 github.com/vantu2801se

I'm a self-motivated Web backend developer with the business focus, the learning mindset, always ready for new challenges and 3+ years of experience in the design and develop backend microservice system by Golang. Also researched and participated in building infrastructure in the software development process.

KEY CAPABILITIES

- Proficient in Golang, could implement with high concurrency services and high performance
- Proficient in Terraform IaC, experienced in building infrastructure for projects using Terraform in combination with CI/CD tools such as GitHub Actions or CircleCI
- Experienced with the Linux operating system, WSL
- Experienced in working with service deployment tools such as Docker and container orchestration and management tools such as K8S
- Experienced in working with both GCP and AWS, capable of setting up multi-cloud communication through Cloud Identity

EXPERIENCE

01/2022 - Present: Work at DAC Data Technology Vietnam JSC

Join MESSAGE DISTRIBUTE SYSTEM project as Golang Backend Developer/Devops (since joining the company)

(Teamsize: 6 Frontend, 4 Backend, 5 QC)

My tech stack in project: Proficient in Golang, Docker, Terraform, K8S. Experience with CircleCI/Github Action, AWS and GCP service

- Developed modular programs such as batch jobs, cron jobs, webhooks and web services in microservice system using Golang and established communication between services with service, or with cloud such as API Gateway, Redis, SQS, S3, and GCS across different cloud platforms. Responsible for business logic, ensure unit testing, perform regression,integration test when developing services
- Established service communication between multiple clouds, specifically AWS and GCP using IAM/Cloud Identity
- Participate in batch performance optimization as well as database performance improvement
- Participated in system design, created basic and detailed designs using as PlantUML
- Create S3/GCP buckets, configure API Gateway, set up log monitoring and alerting through Datadog SaaS, and establish the connection between Fastly CDN and GCS using Terraform

IaC
- Performed unit testing, configured to push to Docker image to registry and deployment to K8S using CI/CD tools such as CircleCI and GitHub Actions

EDUCATION

04/2022: Graduated from Danang University of Science and Technology
- Certificates achieved: PSM I (2022), JLPT N3 (2023)