NGUYEN DUC HIEU - FULL-STACK DEVELOPER

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Summary

I have over 2 years of experience in back-end development, with a strong focus on **Golang** and **PostgreSQL**. My short-term goal is to enhance my back-end skills. In the long term, I aspire to become a solution architect.

Skills

- Golang | Javascript | TypeScript | PostgreSQL | MySQL | MongoDB | Dgraph | Elasticsearch | NodeJS | React | NextJS
- AWS | CI/CD | RabbitMQ | Kafka | gRPC | Redis | Unit Testing | Selenium | Docker | Kubernetes | Websocket | WebRTC
- Microservices | Distributed Systems | OOP | Design pattern | log | monitor | Third-party | Nginx | Reverse proxy

Profile

- 2 years of experience with Golang using Gin**,** Beego**,** and Gorilla Mux framework.
- Proficient in SQL with a strong focus on optimizing systems using PostgreSQL for 2 years.
- Skilled in working with NoSQL databases such as **MongoDB**, **Elasticsearch**, Dgraph and Redis.
- Experience developing and utilizing message brokers like **RabbitMQ,** Kafka and **Redis** pub/sub.
- Worked with **WebSocket** and webRTC to develop the chat application.
- Ability in executing unit/automation testing such as selenium.
- Experienced in **log monitoring** tools like EFK Stack, Grafana, and Datadog.
- Skilled with **AWS**, **Gitlab CI/CD**, Docker, **Kubernetes** and Nginx.
- 6 months of experience with **NodeJS, NextJS** and **ReactJS**.

Experience

Back-end Developer, Joon   **10/2022 – Current**

Projects: Noormatch (9 members) **Description**: A social media of dating application for Muslim **Technologies**: Flutter, Golang, PostgreSQL, Redis, Websocket, Firebase, GraphQL, gGPC, Gitlab CI/CD, AWS, Docker/Kubernetes, Kafka	**Responsibilities:** • Developed real-time messaging and video call features, livestream. • Utilized **Redis** to scale up the chat system. • Synced data between PostgreSQL and Dgraph databases through **Kafka**. • Implemented GitLab **CI/CD** pipelines. • Developed gateway service to routing modules and exchange data. • Built log monitor system with **EFK stack**, **Grafana**. • Implemented load balancing with **Docker/Kubernetes**. • Implemented deploy service into **AWS** cloud.

Back-end Developer, Finan   **10/2021 – 10/2022**

Projects: Sobanhang (20 members) **Description**: ERP application that supports small businesses with more than 400 thousand users **Technologies**: React, Golang, PostgreSQL, RabbitMQ, Elasticseach, MongoDB, AWS, Redis, Selenium, Kibana, Datadog	**Responsibilities**: • Refactor old code from Beego to **Gin framework** and built new services. • Improved performance by **optimizing SQL** queries to faster 10x. • Implemented import, export CSV files with hundreds of thousands data. • Integrated third-party services like Sendinblue, HDBank, VietQR. • Performed **crawling** millions data from ecommerce websites. • Built search engine with **Elasticsearch** to make it 6x faster than SQL. • Built automation testing system with selinium to help reduce 70% of bugs. • Implemented log, monitor system with ELK stack, Datadog.

Back-end Developer Intern, Open Commcerce Group   **07/2021 – 10/2021**

Certificate
- English: B1

Pet projects
- E-commerce application with Golang and React

Education
Dalat University
Major: Software technology

Personality and hobbies
- I am motivated, adaptable and not afraid of challenges.
- In my free time, I enjoy trekking, cycling, and reading books.

I think I still have a long way to go, but I'm definitely improving.