Nguyen Truong Giang

Senior Software Engineer

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SUMMARY

Experienced Senior Software Engineer with a proven track record of delivering high-quality software solutions. Seeking a challenging role where I can leverage my expertise in Golang, Nodejs to drive innovation and contribute to the success of a dynamic team.

TECHNICAL SKILLS

Languages: Golang, TypeScript, Python
Frameworks: Gest, Nestjs, Fiber, Echo, Uber-fx
Developer Tools: Git, Docker, Grafana, Rancher
DevOps Tools: K8s, Helm, Docker-compose
Cloud: Aws, Alibaba, Huaweicloud, VNG cloud

EXPERIENCE

Senior Backend Developer   May 2021 - Present
Thudo Multimedia JSC   *Ha Noi, VietNam*

- Product development using frameworks such as NestJS, Fiber, Echo, and Gin.
- Participate in the development of OTT functions and solutions (DAI, Livestream, VOD, etc).
- Contribute to product development following the SaaS model.
- Package products for distribution on platforms (Docker, Centos, Debian).
- Build a golang code base for the team to reduce coding effort.("gest framework" is inspired by nestjs)
- Optimize code and test system performance.(using locust+go, ppof..)
- Experienced in Agile Development (Jira)
- Awarded as "Engineer of the Year 2022- Team Livestream",

Junior Backend Developer   Mar 2020 - Jun 2021
Anvita Company   *Ha Noi, VietNam*

- Participate in the project to develop e-commerce system using microservice architecture
- Develop backend system functions, including payment processing, order management, etc.
- Use technologies like Golang, PostgreSQL, MongoDB, Docker swarm, and NATS for development
- Participate in building Golang template base code for the team.

Intern Fullstask Developer   Mar 2019 - Jul 2019
Mobio Vietnam JSC   *Ha Noi, VietNam*

- Participate in web application development projects with Angular and Flask.
- Learn and improve your knowledge of project structure and software development principles.
- Learn and apply design and implementation principles in projects

EDUCATION

VNU University of Engineering and Technology   Ha Noi, Viet Nam
Bachelor of information technology GPA: 3.2   *2017 - 2023*

CERTIFICATIONS

AWS Certified Developer – Associate
Issued February 24, 2024 - Expires February 24, 2027

AWS Certified Solutions Architect – Associate
September 28, 2023 - September 28, 2026

PROJECTS

Software as a Service(Saas) | *Golang, Netsjs, Rabitmq, Mongodb,Kafka*   Apr 2022- Present
- Develop API and business services such as billing, webhooks, quota, and auditlog for SaaS services.
- Integrate these services together to create a complete and flexible SaaS system.
- Build audit log plugin and integrate with Traefik to ensure security and tracking in the system.
- Refer to the user manual: **Click here**

Sigma Livestream and VOD | *Nesjs, Mongodb, Kafka*   Aug 2021- Present
- Develop API for livestream and VOD products.
- Integrate these services with storage such as FTP and S3 to store data.
- Integrate products into SaaS platforms to provide comprehensive solutions for users.
- Refer to the user manual: **click here**

Sigma Media Server | *Golang, Nginx*   May 2022- Present
- Build components around the core transcoder such as plugins ,origin and web UI to serve functions such as HLS low latency, catch-up, and just-in-time VOD.
- Integrate these functions smoothly and efficiently with the transcoder system.
- Package products on multiple platforms such as Docker, CentOS, and Debian.
- Deploy Machine Learning model in production with Golang Serving
- Refer to the user manual: **Click here**

Sigma Dynamic Ad Insertion (DAI) | *Golang, Netsjs,ClickHouse,Kafka,Locust+Go*   June 2022- Present
- Build and develop API and endpoint architecture for DAI solution. Optimize source code.
- Build a performance test scenario to reach 100,000 requests/s without using CDN.
- Package products on multiple platforms such as Docker, CentOS, and Debian.
- Integrate products into SaaS platforms to provide comprehensive solutions for users
- Refer to the user manual: **Click here**

CAREER GOALS

- Short-term: Cultivate knowledge of technology and system design as the foundation to become Sofware Achitecture. Improve English skills.

- Long-term: Become Senior Software Architecture.