

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

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)
- Contribute to the design and implementation of the Sigma Media Cluster
- Learn about AWS Cloud, k8s, install products as services on linux server
- 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 Fullstack 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 Solutions Architect – Associate

September, 2023 - September, 2026

AWS Certified Developer – Associate

February, 2024 -February, 2027

AWS Certified SysOps Administrator – Associate

Nov, 2024 - Nov, 2027

AWS Certified Solutions Architect – Professional

Nov, 2024 - Nov, 2027

PROJECTS

Sigma SCPM | *Golang, Javascript*

Step 2024- Present

- Research and develop ad insertion and tracking mechanisms on players such as hlsjs, videojs, shaka player, dashjs ...
- Build libraries for multiple platforms (web, linux, ios, android)

Sigma Livestream and VOD | *Nesjs, Mongoddb, 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 Software Achitecture. Improve English skills.
- Long-term: Becoming Senior Software Architecture.