

HUYNH THANH NAM

FULLSTACK SOFTWARE ENGINEER

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EDUCATION

**Bachelor of Software Engineering – University of Information Technology
- VNUHCMC**

2021 - 2025

SKILLS

Technologies: Javascript, Java, Go | PostgreSQL, MongoDB, Redis | ReactJS, NextJS, NodeJS, ExpressJS, Android, HTML CSS, Spring Boot, RESTful API, WebSocket and WebRTC.

Tools: Git, Github, Github Actions, Postman, Docker, Docker Compose, Nginx, Consul, Kong Gateway, AWS (Route 53, EC2, Cognito, S3, Lambda, SES, SNS, Cloudwatch).

Others: English communication, Microservices, Design Patterns.

WORK EXPERIENCE

Fullstack Developer, FAVOLIST5 ASIA

May 2025 - present

- Built & maintained a social content-sharing platform as ~11 TypeScript microservices on AWS ECS Fargate, Vue/Nuxt + React/Next.js frontends, NestJS/Express, MySQL, Redis.
- Cut API latency via MySQL query tuning and a Redis caching layer with targeted invalidation.
- Shipped automated email (AWS Lambda + SES + SNS) and real-time speech-to-text voice input (AWS Transcribe streaming).
- Ran CI/CD for 11+ services via GitHub Actions → ECR → ECS Fargate: OIDC, blue-green deploys with rollback, image scans, smoke tests.
- Reduced AWS spend ~25% through off-hours ECS, EC2/RDS right-sizing, and ECR lifecycle policies.
- Sped up daily development workflow with Cursor and Claude Code.

Fullstack Developer Internship, HPT Vietnam Corporation

June 2024 - Nov 2024

- Built an internal chat and video call application for the company's clients using NodeJS, WebSocket, WebRTC, PostgreSQL and ReactJS.
- Analyzed user stories and designed database schemas and RESTful API endpoints, gained initial exposure to server-side architecture and database management.

PROJECTS

Livestreaming website

Jan 2025 - present

[Github](#) | <https://letslive.work> | Javascript, Go, Microservices

- Architected OBS (RTMP) → FFmpeg → multi-bitrate HLS (360p/720p/1080p) with ~10–15s end-to-end latency, tuning segment length, GOP/keyframes, and playlist windowing.
- Built 6 Go microservices (auth, user, livestream, VOD, transcode, chat) on PostgreSQL, integrated via Kong, Consul, Redis Pub-Sub; MinIO-backed HLS segment upload for scalable playback.
- Shipped Next.js live/VOD experience (OBS stream keys, HLS player) and GitHub Actions CI/CD to self-hosted Docker deploy; OpenTelemetry + Grafana (Tempo/Loki) for tracing and logs.

CERTIFICATIONS

- TOEIC Read and Listening: 940.
- TOEIC Speaking and Writing: 320.