

Trần Nhật Sang

Backend Developer 3+ Years Experience

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SUMMARY

Backend Developer with 3 years of experience building and operating production systems — from enterprise internal platforms (HRM, room/fleet management, procurement) serving 500+ employees and 4,500+ customers, to a self-driven microservices rebuild (Football Booking) using Go, Kafka, and Kubernetes. Currently building backend services for an insurance claims processing platform at Fullerton Health. TOEIC 825, comfortable working in English with cross-functional teams.

EXPERIENCE

Backend Developer — Fullerton Health

01/2025 – Present

NestJS · Golang · NATS JetStream · MySQL · MariaDB · MongoDB · Redis · Docker · Jenkins · Keycloak · Grafana (Observability)

Project: TPA (Third-Party Administrator) — insurance claims processing platform

Vietnam Portal Platform — 01/2025 – 12/2025 · Backend Developer

- Built and maintained backend services for the Vietnam-facing TPA portal using NestJS and Golang.
- Developed event-driven workflows with NATS JetStream, backed by MySQL/MariaDB, MongoDB, and Redis.
- Deployed and operated services with Docker and Jenkins-based CI/CD pipelines.

Singapore Portal Platform — 01/2026 – Present · Backend Developer

- Developing backend services for the Singapore-facing TPA portal using NestJS and Golang, with NATS JetStream for event-driven communication, Keycloak for authentication, and Grafana for observability.
- Collaborate directly with Singapore-based Business Analysts in English to clarify requirements and align on solution design.
- Coordinate with the QA team (Vietnam) and the Frontend team throughout the development and release cycle.

Fullstack Developer — Apetechs Solution Joint Stock Company

09/2023 – 11/2024

Angular · NestJS · MySQL · Jira · GitHub

Delivered 7 enterprise modules/systems across multiple business clients over 14 months.

HRM (Human Resource Management) — Team of 10 · Full-Stack Developer

- Led core-module development managing 5 companies, 60+ branches, and 500+ employees.
- Built a weekly scheduling and timekeeping system streamlining attendance for the full employee base.
- Designed and shipped a recruitment module covering profile intake, candidate evaluation, and interview scheduling.
- Integrated Zalo ZNS for automated hiring/onboarding notifications.
- Implemented role-based access control (RBAC) securing web and app features by role.

Also delivered: RMS (Room Management System, team of 4), Car Rental system (team of 4), and attendance & payroll calculation system (team of 4).

INDEPENDENT PROJECTS

Football Booking — Production Rebuild

Personal project · 9 repositories · NestJS · Go · Python (FastAPI) · Kubernetes (K3s) · Kafka · ArgoCD

- Rebuilt a real-time stadium-booking platform as a distributed microservices system to practice production-grade backend/infra patterns beyond current job scope.
- Implemented event-driven pipelines with Kafka, an API gateway, and GitOps-based deployment with ArgoCD.

Football Booking — Graduation Thesis

Team project · 5 repositories · NestJS · FastAPI · Next.js · Kafka · Keycloak · PostgreSQL

- Built a stadium-booking platform with an AI chatbot (RAG) as final-year graduation thesis.

E-Learning Platform

09/2022 – 09/2023 · Team of 4 · Full-Stack Developer · ReactJS · Node.js · MongoDB

- Led core modules for course sales, order tracking, and student/instructor management.
- Built reporting/data visualization for course performance, sales, and engagement metrics.

SKILLS

Backend: Node.js (NestJS, Express), Golang, Python (FastAPI)

Databases: PostgreSQL, MySQL/MariaDB, MongoDB, Redis, ClickHouse

Architecture: Kafka, NATS JetStream, Microservices, Event-driven design, API Gateway

DevOps/Infra: Docker, Kubernetes (K3s), ArgoCD (GitOps), Terraform, Ansible, GitHub CI/CD, Jenkins, Keycloak, Grafana

Tools: Git, Jira

EDUCATION

University of Information Technology (UIT), VNU-HCM

Bachelor's Degree in Information Technology

12/2025 – 09/2026 · GPA 7.8/10

FPT Polytechnic

Bachelor Practical Degree in Website Development

07/2021 – 05/2024 · GPA 9.4/10

ENGLISH

TOEIC 825 (12/2024) · Strong in verbal communication

HIGHLIGHTS

- Two-time Top 1 Best Student (Summer 2022, Summer 2023)
- Top 4, FPT Edu Hackathon 2022 (Blockchain track) — led a 4-member team through 3 rounds (Algorithm, Idea, Product)