

NGUYEN HOANG MINH TRUNG

Full-Stack Developer

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Professional Summary

A passionate Developer specializing in Mobile (Flutter) and Full-Stack (React, Node.js). Experienced in designing modern UI, developing scalable backend APIs with databases like MongoDB and PostgreSQL, and shipping real-world products to the Google Play Store. Striving to deliver seamless user experiences through clean architecture and efficient engineering.

Professional Experience

Sep 2025 – Dec 2025

Excellent Nodes Co., Ltd

Intern Frontend Developer

- Developed type-safe, dynamic, and reusable UI components using React.js and TypeScript, improving UI development efficiency by 20%.
- Managed complex application states using Redux Toolkit, ensuring strict data consistency across components.
- Optimized application performance by implementing Lazy Loading and Code Splitting, reducing the initial bundle size by approximately 30% and minimizing unnecessary re-renders with useMemo and useCallback.
- Integrated RESTful APIs using Axios and handled asynchronous data fetching, loading states, and error boundaries.

Sep 2025 – Dec 2025

Chilley

Remote Intern Backend Developer

- Architected and implemented robust RESTful APIs using Go (Gin framework), improving data processing speed by approximately 15%.
- Monitored system health and service metrics using Grafana, reducing the mean time to detection (MTTD) for system issues by 20%.
- Implemented comprehensive Integration Tests using testify, ensuring API reliability, security, and data integrity.

Projects

Dec 2025 – Present
Google Play Store

Macroshot - AI Nutrition Tracker (Team of 2)

Technologies: Flutter, FastAPI, MySQL, Alembic, Pydantic

- **System Architecture:** Implemented Repository Pattern and Service Layer to decouple business logic, utilizing Dependency Injection.
- **Database Optimization:** Designed a relational schema in MySQL with Advanced Loading Strategies; managed migrations via Alembic.
- **Localization:** Engineered a scalable i18n database structure for dynamic content and handled concurrent user actions.
- **Mobile Experience:** Developed a sleek cross-platform UI with Flutter, featuring AI food recognition.

Sep 2025 – Present
torung-phim.vercel.app

TorungPhim (Personal Project)
Technologies: Next.js, NestJS, PostgreSQL, Prisma, Docker

- Designed and implemented the homepage UI/UX using Next.js and Tailwind-CSS.
- Developed authentication features including user registration and login with secure session handling.
- Built RESTful APIs for core functionalities such as movie, genre, and topic management (CRUD).
- Integrated CI/CD pipelines using GitHub Actions for automated testing and deployment.

Aug 2024 – Nov 2024
sgmacbookclient.vercel.app

MacbookSaiGon (Personal Project)
Technologies: ReactJS, ExpressJS, MongoDB, Ant Design

- Designed a modern, responsive e-commerce interface and seamless shopping cart UX using Ant Design.
- Implemented a dynamic product variant system supporting interactive color/storage selection.
- Integrated ZaloPay payment gateway to process real-time online digital payments.

May 2024 – Aug 2024

Traveloki (Team of 2)
Technologies: ReactJS, ExpressJS, MongoDB, PostgreSQL, Redis, Cloudflare, OAuth2

- Built a lightweight microservice-based airport shuttle booking system featuring partner integrations for voucher distribution and digital wallets via RESTful APIs.
- Implemented core backend modules including dynamic routing, transit stops, bookings, and fare calculation logic using ExpressJS.
- Designed a fully responsive UI using ReactJS and Ant Design, covering over 80% of the final production interface.
- Integrated Pointer Wallet service for secure online payment and SSO-based authentication using OAuth2 protocols.
- Optimized response times by 40% using Redis caching for high-frequency location data and configured Cloudflare for asset delivery.

Education

2022 – 2026

Ho Chi Minh City University of Foreign Languages - IT (HUFLIT)
Major: Software Engineering

Skills

Languages:	JavaScript, TypeScript, HTML5, CSS3, Python, Go, PHP
Frontend:	React.js, Next.js, Tailwind CSS, Ant Design, Swiperjs
Backend & DB:	Node.js, Express.js, NestJS, FastAPI, Gin (Go), MongoDB, PostgreSQL, MySQL
Tools:	Redis, Cloudflare, OAuth2, Git/GitHub, CI/CD (GitHub Actions), Docker, Postman, Grafana, Alembic

Certificates

TOEIC: 650