

NGUYEN TUAN ANH

Information Systems Student

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OBJECTIVE

Information Systems student with hands-on experience through software projects spanning full-stack development, systems analysis and business analysis. Seeking an internship or entry-level opportunity to contribute to software development and requirements analysis.

EDUCATION

Industrial University of Ho Chi Minh City (IUH)

2022 – March 2027

Engineering Degree in Information Systems (Expected March 2027)

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL

Frontend: React, Tailwind CSS

Backend & APIs: Node.js, Express, RESTful APIs

Databases: PostgreSQL, Redis

System Design: Microservices, schema-per-service, event-driven messaging (outbox pattern)

Tools & DevOps: Git & GitHub, Docker, Postman, Playwright, Vercel, Railway, Figma, Mermaid

PROJECTS

Courtin — Badminton Community Platform

August 2026 – Present

Full-stack Developer & Business Analyst | Capstone project | Team of 2

github.com/t-anh1007/Badminton-Platform | courtin-web.vercel.app

- Architected the platform as five domain services behind an API gateway, each owning its own database schema and exchanging events over RabbitMQ.
- Translated product requirements into API designs and a relational data model, then built them end to end across React and Express, including real-time WebSocket matchmaking.
- Integrated SePay for VietQR payments with webhook reconciliation and an append-only wallet ledger for auditable balance changes.

CAB — Ride Booking System

January 2026 – April 2026

Backend & Security Developer | Team of 9

github.com/NguyenPhuBao/Cab-Booking-System

- Owned the API gateway, the single entry point that validates, authorizes and routes all client traffic to nine internal services.
- Verified access tokens with RS256 signatures via JWKS, checking issuer and audience, preventing forged or misissued tokens from reaching backend services.
- Secured the live GPS endpoint with RBAC and ABAC, accepting updates only when the authenticated user is the ride's assigned driver and the ride is active.
- Added Redis-backed rate limiting and idempotency handling at the gateway to curb abuse and stop duplicate requests on client retries.