

# NGUYEN VIET THANH (Tsen)

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## PROFESSIONAL SUMMARY

Full Stack Developer at INTRATECH JSC with production experience across **4 backend stacks** (Go/Gin, Node.js/TypeScript, .NET 8/C#, Django 5/Python) and **React/Next.js** frontend. Strong foundation in **OOP, SOLID, Clean Architecture, Design Patterns**, and multi-repo microservices. Delivered production REST APIs, async data pipelines, and end-to-end features from DB schema to UI. HCMUT Software Engineering (GPA 3.31/4.0), **available immediately**.

## TECHNICAL SKILLS

<b>Backend</b>	Go: Gin, GORM, JWT, Air · Node.js: Node 20, Express, TypeORM, TypeScript · .NET 8: ASP.NET Core, EF Core, Clean Architecture · Python: Django 5, DRF, FastAPI, Celery + Redis
<b>Frontend</b>	React / Next.js 15: App Router, SSR/SSG, hooks, Vite · CSS: Vanilla CSS, CSS Custom Properties, dark/light mode · Mobile: Flutter 3.x (Dart)
<b>Databases</b>	PostgreSQL (Views, Triggers, Stored Procedures) · SQL Server (distributed, Linked Server) · Redis · Firebase Firestore
<b>DevOps</b>	Docker / Docker Compose · GitHub Actions CI/CD · Vercel · Render · Azure VM
<b>Principles</b>	OOP · SOLID · Clean Architecture · Design Patterns (Repository, Factory, Strategy, Observer) · REST API Design
<b>Methodology</b>	Agile/Scrum (Sprint Planning, Daily Standup, Review, Retro) · Code Review · Git Flow · Document-First
<b>Languages</b>	Vietnamese (native) · English (B2 — reading, writing, technical documentation) · Japanese (Basic / N5 — actively studying)

## WORK EXPERIENCE

### Full Stack Developer — INTRATECH JSC

Jun 2025 – Present

Django 5 · DRF · Next.js · PostgreSQL · Redis · Celery · Docker · GitHub Actions · Scrum

- Designed and delivered full REST API (**50+ endpoints**) for **IPO Ready** — a fintech pre-IPO analysis platform with **14 data models** (CapTable, FundingRounds, Shareholders, Financials, KPIs); coordinated API contracts with Next.js frontend team
- Implemented JWT authentication (register/login/refresh/profile), **RBAC authorization**, and period-based KPI anomaly detection endpoints
- Built async CSV/Excel import pipeline (pandas + openpyxl): **10,000+ rows** via **Celery** background workers; polling status endpoint for frontend real-time progress display
- Contributed to **CaHeo** — multi-repo full-stack platform (Django 5 backend, Next.js frontend, GitHub Actions CI/CD); authored API specs, data dictionary, and test case documentation
- Optimized Docker build: **70–80s → 3–5s (95% reduction)** via multi-stage layer caching; delivered complete Swagger UI + Postman collection

### Freelance — Full Stack & Digital Infrastructure

Sep 2024 – May 2025

- Built Python automation toolkit (Selenium + Requests): CAPTCHA-resilient session management, batch processing for Facebook marketing campaigns
- Administered WordPress/WooCommerce sites; implemented technical SEO (schema markup, Core Web Vitals); multi-client network infrastructure with isolated VLANs

## KEY PROJECTS

### VShield — Digital Defense Ecosystem (Personal)

In Progress

Lead Dev · Go + Gin · Next.js 15 · PostgreSQL · Redis · Swift/Kotlin · Docker · GitHub Actions

- Multi-repo microservices (6 repos): scam call/SMS blocking, phone/bank verification, community reporting; Go + Gin API with JWT, RBAC, Bloom Filter blacklist
- Full cross-platform: Next.js 15 web dashboard, iOS (Swift/CallKit), Android (Kotlin/Jetpack Compose); CI/CD per repo with automated test + lint gates

### EduHealth360 — Academic Management + AI Health Scoring

HCMUT Research

Lead Developer · Node.js 20 + TypeScript · PostgreSQL · FastAPI · Docker

- Designed **12-domain PostgreSQL schema**; REST API with JWT/RBAC, rate limiting, CORS whitelist; integrated **ArcFace R50 face recognition** via FastAPI microservice; Docker Compose with isolated internal AI network

### GoFoody — Food Ordering Platform

HCMUT Academic

Full-Stack · .NET 8 Web API · Clean Architecture · EF Core · React + Vite

- Clean Architecture** (4 layers) with Repository Pattern, JWT + RBAC, recommendation engine, revenue analytics — end-to-end from API design to React frontend

## EDUCATION

### Ho Chi Minh City University of Technology

Oct 2022 – Oct 2026

Bachelor of Software Engineering — GPA: 3.31/4.0

- All coursework complete — diploma expected Oct 2026, **can start immediately**