

NGUYEN VIET THANH (Tsen)

(+84) 899 052 374 | vietthanhnnguyen.tsen@gmail.com | linkedin.com/in/tsennguyen | tsenportfolio2026.vercel.app |
Ho Chi Minh City, Vietnam



PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with hands-on production experience across 4 backend stacks (Go/Gin, Node.js/TypeScript, .NET 8/C#, Django 5/Python) and React/Next.js frontend. Proven track record of architecting RESTful APIs (50+ endpoints), building scalable async data pipelines processing 10,000+ records, and achieving 95% Docker build-time reduction. Passionate about Clean Architecture, microservices, and delivering high-quality software in Agile environments. Available immediately.

CORE COMPETENCIES

RESTful API Development Microservices Architecture React / Next.js 15 PostgreSQL & Redis Docker & CI/CD Pipelines
Clean Architecture & SOLID Agile / Scrum Performance Optimization

WORK EXPERIENCE

INTRATECH JSC

June 2025 -- July 2026

Full Stack Developer

- Architected and shipped 50+ RESTful API endpoints for IPO Ready, a fintech pre-IPO analysis platform serving 14 interconnected data models (CapTable, FundingRounds, Shareholders, Financials, KPIs); established API contract standards adopted by the cross-functional frontend team.
- Engineered secure authentication system (JWT with token refresh flow) and role-based access control (RBAC), plus anomaly detection endpoints that flagged KPI irregularities across reporting periods.
- Designed high-throughput async data pipeline (Celery + Redis) processing 10,000+ CSV/Excel rows per batch with real-time progress tracking, eliminating manual data entry bottlenecks.
- Delivered end-to-end features for Ca Heo Laundry Chain -- a multi-repo production platform (Django 5 + Next.js + GitHub Actions CI/CD); authored comprehensive API specs, data dictionary, and QA test documentation.
- Reduced Docker build time from 70-80s to 3-5s (95% improvement) through multi-stage builds and layer caching; created Swagger UI documentation and Postman collection for team-wide API testing.

Freelance

September 2024 -- May 2025

Full Stack Developer & Digital Infrastructure

- Developed Python automation suite (Selenium + Requests) with CAPTCHA-resilient session handling, enabling batch processing of Facebook marketing campaigns across multiple client accounts.
- Managed WordPress/WooCommerce deployments with technical SEO optimization (schema markup, Core Web Vitals); architected multi-client network infrastructure with isolated VLANs for security.

KEY PROJECTS

VShield -- Digital Defense Ecosystem Personal Project

Designed 6-repo microservices architecture for scam call/SMS blocking, phone/bank verification, and community reporting. Built Go/Gin API with JWT, RBAC, and Bloom Filter-based blacklist. Delivered cross-platform clients: Next.js 15 web dashboard, iOS (Swift/CallKit), Android (Kotlin/Jetpack Compose) with automated CI/CD gates.

Go/Gin, Next.js 15, PostgreSQL, Redis, Swift/Kotlin, Docker, GitHub Actions

EduHealth360 -- Academic Management + AI Health Scoring Research

Engineered 12-domain PostgreSQL schema with REST API featuring JWT/RBAC, rate limiting, and CORS policies. Integrated ArcFace R50 face recognition via FastAPI microservice within Docker Compose isolated network.

Node.js 20/TypeScript, PostgreSQL, FastAPI, Docker

GoFoody -- Food Ordering Platform Academic

Implemented 4-layer Clean Architecture with Repository Pattern, JWT + RBAC, AI-powered recommendation engine, and revenue analytics dashboard -- full-stack delivery from API design to React frontend.

.NET 8 Web API, Clean Architecture, EF Core, React/Vite

EDUCATION

Bachelor of Software Engineering Ho Chi Minh City University of Technology

October 2022 -- October 2026

GPA: 3.31/4.0

TECHNICAL SKILLS

Backend: 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)

Frontend: React / Next.js 15 (App Router, SSR/SSG, hooks, Vite), CSS (Vanilla CSS, CSS Custom Properties, dark/light mode), Mobile (Flutter 3.x / Dart)

Databases: PostgreSQL (Views, Triggers, Stored Procedures), SQL Server (distributed, Linked Server), Redis, Firebase Firestore

DevOps: Docker / Docker Compose, GitHub Actions CI/CD, Vercel, Render, Azure VM

Principles: OOP, SOLID, Clean Architecture, Design Patterns (Repository, Factory, Strategy, Observer), REST API Design

Methodology: Agile/Scrum (Sprint Planning, Daily Standup, Review, Retro), Code Review, Git Flow, Document-First

Languages: Vietnamese (Native), English (B2 -- reading, writing, technical documentation), Japanese (Basic / N5 -- actively studying)