

NGUYEN TIEN HUNG

BACKEND SOFTWARE ENGINEER | C#/.NET

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PROFESSIONAL SUMMARY

Software Engineer with 3 years of experience in backend development, system integration and fullstack delivery. Focused on C#/.NET APIs, asynchronous workflows and real-time AI features. Independently develops and hosts Didaunao/BuzzDiary with Go, PostgreSQL and React.

CORE TECHNICAL SKILLS

Backend: C#, .NET 8, ASP.NET Core, EF Core, Dapper; Java/Spring Boot; Go (project)

Data & integration: PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch; REST, gRPC, Kafka, RabbitMQ, SignalR, Hangfire

Frontend & delivery: React, Next.js, TypeScript, Blazor; Docker, CI/CD, Linux

PROFESSIONAL EXPERIENCE

HONGTHAI | Fullstack Engineer

Oct 2025 - Present | Ho Chi Minh City, Vietnam

toponelogic.com | AI-powered stock and cryptocurrency analysis

- Develop .NET 8 backend services and Next.js features for financial data, analysis and real-time interfaces using MySQL, Redis, Elasticsearch and RabbitMQ.
- Co-developed C#/.NET AI chat orchestration with specialized agents and reusable financial-analysis tools; designed data preparation and validation before LLM processing.
- Built SignalR streaming for AI responses and market data, with structured metadata for charts, tables and financial widgets.
- Built Hangfire ingestion from RSS, Reddit and market-data sources, integrating sentiment scoring, classification, tagging and summarization.
- Clarify product briefs with the manager and use AI-assisted research and documentation to guide implementation and review.

IZOTA | Backend Developer / Sub-team Lead

Aug 2024 - Sep 2025 | Ho Chi Minh City, Vietnam

- Developed .NET microservices and REST APIs, using gRPC for internal communication and Kafka/RabbitMQ for asynchronous workflows.
- Worked with PostgreSQL and MongoDB; supported CI/CD, deployments, performance troubleshooting and production incidents.
- Translated business requirements into workflows and development tasks; coordinated planning and resource estimates for a 5-person sub-team alongside backend development.
- Contributed to Blazor and React frontend features for end-to-end delivery.

PROFESSIONAL EXPERIENCE (CONTINUED)

VNPT HO CHI MINH CITY | Backend Developer

Sep 2023 - Jun 2024 | Ho Chi Minh City, Vietnam

- Developed Java Spring Boot backend services for public-service and one-stop administrative portals, working with microservices, MongoDB and Elasticsearch.
- Implemented data retrieval from the national data portal and scheduled synchronization of case records to one-stop service systems and 1Office for government staff to process.

FPT SOFTWARE | Fresher Developer

Sep 2021 - Jan 2022 | Ho Chi Minh City, Vietnam

- Contributed to Java development, testing and bug fixing as part of the development team.

SELECTED PROJECTS

Didaunao / BuzzDiary | Multi-brand F&B Platform

didaunao.com | Independently developed and hosted | In development

- Translate product briefs into workflows and specifications, then guide AI-assisted implementation across a Go/PostgreSQL backend and React/TypeScript customer and administration interfaces.
- Develop restaurant discovery, reservations, QR dine-in ordering, loyalty and promotion workflows within a modular backend, with separate API and background worker processes.
- Use transactional outbox events and idempotency controls to keep workflows consistent during retries and prevent duplicate operations.
- Apply server-side role and brand/store scope checks; maintain automated tests for authorization, booking states and end-to-end business scenarios.
- Manage project hosting and development review; maintain technical decisions, API specifications and acceptance scenarios as implementation references.

TopOneLogic | Financial Analysis Platform

toponelogic.com | Professional project at HONGTHAI

AI-assisted stock and crypto analysis with market-data ingestion and real-time delivery. Engineering contributions are detailed under HONGTHAI.

ADDITIONAL ENGINEERING SKILLS

Clean Architecture, CQRS/MediatR, SOLID, code review, Agile/Scrum; Docker Compose, Nginx, Kong Gateway, Serilog/ELK; Azure deployment (VWater project).

EDUCATION & PROFESSIONAL DEVELOPMENT

FPT University | Bachelor of Software Engineering | 2019 - 2023

Modern Application Development with Java on AWS Specialization | Nov 2022

Project Management Principles and Practices | UC Irvine | May 2022