

Vo Thuong Truong Nhon

.NET Backend Engineer

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PROFESSIONAL SUMMARY

Backend Engineer with 4 years of experience building systems for logistics and AI platforms. Strong experience in **C#** and **AWS**. Passionate about system design, mentorship, and leveraging **GenAI & LLM workflows** to automate manual work.

WORK EXPERIENCE

FPT Software

Ho Chi Minh City, Vietnam

Sep 2023 – Present

LMS.Robusta team under the C99 Program, serving a \$100M+ US logistics enterprise.

Middle Level: .NET Backend Engineer

2025 – Present

Superchat - Slack App C#, .NET Core, AWS Bedrock, Slack API Kit, Internal MCP (cai-mcp)

An AI-powered Slack application integrating AWS Bedrock with internal MCP servers.

- Architected an AI Slack application connecting internal MCP servers (**cai-mcp**) with **AWS Bedrock** for log queries and incident triage.
- Engineered custom Slack slash commands and autonomous agentic loops to automate recurring developer workflows and standup report generation.

Robusta Knowledge Base C#, .NET, AWS Bedrock, pgvector (PostgreSQL), Slack API Kit

Internal developer enablement platform providing LLM-augmented semantic search for historical team workflows.

- Architected an AI Knowledge Base combining **AWS Bedrock** and **pgvector** for semantic search, cutting onboarding time by **30%**.
- Engineered **RAG** pipelines chunking and embedding user stories, features, and wiki documentation into vector database.

Consumer API C#, .NET Core, Hangfire, AWS (SNS/SQS, DynamoDB), Redis

An event-driven microservice orchestrating multi-event shipment workflows and notifications.

- Refactored job handling using Handler Pattern and Dead-Letter Queues (**DLQ**) handling **50k+ daily events**, reducing process failures by **15%**.
- Applied sidecar architecture to decouple REST API request ingestion from asynchronous background worker execution.
- Contributed to early-stage architecture research and database schema design, clarifying complex shipment scheduling logic based on carrier operating windows, timezone offsets, and daylight saving transitions while publishing order status events.

Junior Level: .NET Backend Engineer

Sep 2023 – Dec 2024

Quotes API C#, .NET Core, AWS (ECS, Aurora PostgreSQL, Valkey)

A quoting service generating vehicle shipping costs across US retail and carrier channels.

- Maintained and scaled REST API handling **200k+ daily requests**, expanding business capabilities to support multi-vehicle orders, B2B/B2C routing, and expedited quote types.
- Designed distributed caching strategy (**AWS Valkey**), reducing database load by **40%** and cutting p95 latency from 500ms to **95ms**.
- Executed migration to **Google Routes API** for distance calculations and onboarded service to internal Identity Provider (CIP).

Hub Service C#, .NET Core, Hangfire, AWS (SNS/SQS, Aurora PostgreSQL), Google Routes API

A geographic routing service managing ZIP code and transport hub data.

- Engineered nearest-hub routing calculations combining the **Haversine formula** and **Google Routes API** via **Hangfire** background jobs.
- Automated ZIP code data synchronization via external APIs (**ZipCode.com** / **F-TPP**), filtering out non-serviceable zones (military bases and island territories) to eliminate invalid transport quotes.
- Refactored legacy architecture into sidecar deployment while consolidating unit tests to achieve **>90% coverage**.

Ready Proxy C#, .NET Minimal APIs, PostgreSQL, Splunk, CIP

High-availability proxy forwarding transit order lifecycle events to background job workers.

- Built high-availability proxy gateway handling transit order lifecycle events across **1M+ orders** with zero data loss.
- Onboarded service to CIP identity platform with partner prefix routing rules and **90% unit test coverage**.

TECHNICAL SKILLS

- **Programming Languages:** C#, TypeScript
- **Frameworks & Libraries:** .NET Core, ASP.NET MVC, Next.js
- **Cloud & DevOps:** AWS (ECS, SNS, SQS, DynamoDB, Bedrock, CodeBuild), Docker, GitHub Actions, Hangfire, Redis

- **Databases & Storage:** PostgreSQL, PostgreSQL Vector (pgvector), MS SQL Server, MongoDB, DynamoDB
- **AI & Agentic Tools:** GitHub Copilot, Claude Code, Antigravity, GenAI / LLM Workflows
- **Languages:** English (Professional Working Proficiency)

PERSONAL PROJECTS

- **InventoryManagementSystem** (.NET 10, Next.js 15, AWS SQS, Hangfire, Redis) Dec 2025 – Feb 2026
Event-driven stock alert and inventory monitoring platform leveraging .NET 10 Clean Architecture, sidecar design patterns, and background price/news sync for USA market. Managed stock watchlists and background Finnhub.io market data sync via AWS SQS and Hangfire. Optimized API read path latency (**p95 < 75ms**) using Redis Cache-Aside. [\[Live Demo\]](#)
- **Clean Architecture .NET Template** (ASP.NET Core Web API, k6, Docker) Dec 2025 – May 2026
Book Store domain using Clean Architecture, packaged as a reusable .NET CLI template ('dotnet new' / 'dotnet pack') with **100+ GitHub stars**. Configured automated **k6 load-testing** scenarios.

EDUCATION & CERTIFICATIONS

HUTECH University – Bachelor of Software Engineering (GPA 3.76/4.00, Top 1% Scholarship) Graduated Sep 2024
[GitHub GH300 Copilot](#) | [Udacity AWS Cloud Arch](#) | [Katalon Expert](#) | [MongoDB Developer](#) 2023 – 2026

KEY ACHIEVEMENTS

[Speckathon 2026 \(Top 1 Spec Game\)](#) – Winner of FPT Software Hackathon with Claude Code 2026
[Top Employee Award \(FPT Software\)](#) – Best quarterly & monthly engineer across division 2025
[First Prize – HDBank National Hackathon](#) | [First Prize – IT Got Talent Contest](#) 2022