



TRAN DUY MINH KHA

Java FullStack Engineer (Intern/Fresher)

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Summary

Final-year Software Engineering Student with solid hands-on experience in **Java Fullstack Development**. Delivered major backend features for a real-world **ERP system**, building **40+ RESTful APIs**, integrating **VNPAY payment gateway**, and applying **AI-driven revenue analytics** using **Groq AI**. Strong foundation in **Spring Boot 3.x** and **SQL Server**.

Projects

LiteFlow ERP – Restaurant Management System

Jan 2025–March 2025

A backend-focused ERP system for managing restaurant operations, including inventory, orders, and payments.

🔗 <https://github.com/Kha-Noob/liteflow.git>

DemoVideo : <https://youtu.be/IKlgj9m4Y84>

- **Core Backend Contributor (60% ownership)**, implementing core business logic for inventory and order processing modules.
- Developed and documented **40+ RESTful APIs** using Spring Boot 3.x, ensuring stable integration with the Next.js frontend.
- Implemented user authentication and role-based access control (RBAC) using Spring Security.
- Integrated the VNPAY payment gateway, handling IPN callbacks and checksum validation to ensure transaction reliability.
- Built an internal revenue reporting feature to support flexible sales data analysis.
- Designed and optimized the SQL Server database schema and complex queries for real-time stock management.

Java, Spring Boot, Spring Security, REST API, SQL Server, Backend Development, ERP System, VNPAY, Payment Integration

Education

FPT University

October 1

Software Engineering

Bachelor's Degree

🔗 <https://daihoc.fpt.edu.vn/>

- Third-year undergraduate student majoring in Computer Science with a strong focus on backend development.
- Solid foundation in data structures, algorithms, object-oriented programming, and database systems.
- Hands-on experience with Java, Spring Boot, RESTful APIs, and SQL through academic and personal projects.

Skills

Java Backend Development

Developed core logic with Spring Boot 3.x, ensuring high system scalability and clean architecture.



Java, Spring Boot, Backend Development, REST API

SQL Server

Designed relational schemas and optimized complex queries to enhance data retrieval performance.



SQL Server, Database Design, Query Optimization

Spring Security

Implemented secure JWT-based authentication and RBAC to manage complex user authorization.



Spring Security, Authentication, Authorization, RBAC

RESTful API Design

Architected 40+ endpoints with consistent JSON structures for seamless Frontend integration.



REST API, HTTP, JSON, API Design

Languages

English

Intermediate – able to read technical documentation and communicate in a work environment



Japanese

Basic , familiar with fundamental grammar and daily expressions

