

NHAT NGUYEN

Backend Developer

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📍 Ho Chi Minh City

ABOUT ME

Motivated Backend Developer specializing in Java Spring Boot, focused on building scalable RESTful APIs and high-performance systems. Strong interest in system design, caching, and real-time processing. Seeking a Backend Intern/Fresher role to contribute to real-world projects and grow into a professional backend engineer.

SKILLS

- Languages: Java
- Backend: Spring Boot, Spring Data JPA, Spring Security, REST API, JWT
- Database: PostgreSQL, SQL Server
- Tools: Git, Docker, Postman, Maven
- Concepts: OOP, RESTful Design, MVC, Clean Architecture

EDUCATION

Major: Information Technology

GPA: 3.0

Sai Gon University

2022 – Present

PROJECT

QuikTech – POS & Inventory

December 2025 - April 2026

Java, Spring Boot, PostgreSQL, Redis

- Built a multi-tenant POS & inventory backend supporting business and store-level operations
- Designed RESTful APIs following layered architecture (Controller–Service–Repository)
- Implemented JWT-based authentication with Redis-backed RBAC, minimizing database calls during authorization
- Modeled relational database schema (20+ tables) covering orders, inventory, payments, and audit logs
- Developed core business flows: order lifecycle, inventory tracking, purchase & debt management
- Optimized performance using Redis caching, indexing, and full-text search (PostgreSQL GIN)