

NGUYỄN VĂN THIÊN

BACKEND DEVELOPER

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Backend Developer with a solid foundation in Node.js, eager to tackle dynamic challenges and apply strong problem-solving skills to craft scalable, intuitive API systems. Demonstrated proficiency in database management, background processing, and seamless cross-functional collaboration to deliver robust e-commerce solutions.

AREA OF EXPERTISE

Backend Frameworks: NestJS, Express.js.

Database Management: PostgreSQL, MySQL, MongoDB, Prisma ORM.

System Architecture: MVC, RESTful API, WebSockets.

Performance Optimization: Redis (basic), BullMQ (Async Job Queues).

Tools: VS Code, Antigravity, Git, Postman, Yaak.

KEY ACHIEVEMENTS

- System Optimization.** Leveraged BullMQ and Redis to orchestrate background jobs, significantly optimizing system throughput and preventing main-thread blocking under heavy load.
- Architecture Modernization.** Architected a scalable application using Express.js and TypeScript, ensuring strict type safety and modular maintainability across the entire backend stack.

PROJECT EXPERIENCE

Backend Developer, E-Commerce Backend API 09/2025 - 01/2026

- Tech:** NodeJs, NestJs, ORM Prisma, PostgreSQL, Redis, WebSockets | **Team:** 1 | **Link:** github.com/Gon-bit-2/nest-be-ecommerce
- Engineered a high-performance RESTful API, featuring automated payment integration via Seepay gateway and real-time verification.
- Designed complex relational database models using PostgreSQL and Prisma ORM.
- Implemented robust security measures including JWT, OAuth2, and Two-Factor Authentication to safeguard user accounts.
- Developed real-time notifications and chat functionality using WebSockets.

Backend Developer, Laptop Shop Platform

06/2025 - 07/2025

- **Tech:** NodeJs, ExpressJs, EJS, ORM Prisma, MySQL | **Team:** 1 | **Link:** github.com/Gon-bit-2/laptop-shop-with-express
- Developed a monolithic e-commerce application using MVC architecture and Server-Side Rendering.
- Integrated Zod for schema validation to ensure data integrity and prevent injection attacks.
- Implemented Session-based Authentication using Passport.js, enforcing strict Role-Based Access Control for Admin/User authorization.

EDUCATION

Van Hien University

2022 - 2026