

# NGUYEN TIEN HUNG

## Software Developer

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📍 Hoa Minh, Lien Chieu, Da Nang, Vietnam

📅 **Date of Birth:** 15/06/2001

👤 **Gender:** Male

🌐 **Portfolio:** <https://nguyentienhung.dev>

## 🌟 HIGHLIGHTED PORTFOLIO

🎯 Explore my personal projects, live demos, and real-world development experience:

🔗 <https://nguyentienhung.dev>

💡 Highlights:

- Complete e-commerce platform
- Homestay booking website with admin dashboard
- Real UI previews, GitHub source code, project documents
- Demonstrates backend/frontend/full-stack development & deployment

## 💡 PROFILE SUMMARY

Motivated and detail-oriented software developer with 1.5+ year of experience in backend development and database management. Solid foundation in SQL, JavaScript, and web architecture. Known for quick learning, strong problem-solving skills, and effective communication. Looking to contribute to meaningful software projects and grow in a dynamic team environment.

# EDUCATION

**University of Science and Technology – The University of Danang** (2019 - 2024)

**Major:** Software Engineering

**GPA:** 3.06 / 4.0

- Strong foundation in programming, software design, and databases
- Special interest in enterprise systems and backend architecture

## TECHNICAL SKILLS

- **Languages & Tools:** JavaScript, SQL, Node.js, Express.js, React.js
- **Databases:** SQL Server, PostgreSQL, MongoDB, MySQL
- **Dev Tools:** Postman, Docker, Git (GitHub/GitLab), PM2, Nginx
- **Other Skills:**
  - REST API design, validation, and testing
  - Authentication (JWT), RBAC authorization
  - CI/CD workflow using GitLab
  - Business flow understanding: HR, CRM, eCommerce

## WORK EXPERIENCE

**Web Developer – Freemind Company** (May 2023 – Present)

**Environment:** Agile | Node.js (Express) | MongoDB, SQL Server | GitLab CI/CD | Docker

### **Responsibilities:**

- Designed and implemented RESTful APIs following MVC structure
- Built complex business logic: promotions, reward points, multi-step orders
- Database schema design, indexing, and aggregation pipelines for MongoDB
- Integrated 3rd-party services: ZaloPay, Salesforce, SMS/email OTP
- Auth middleware, input validation, and structured error handling
- Deployed systems using Docker, PM2, and Nginx on Linux VPS
- Participated in code reviews and Git branching (feature, develop, main)

## Key Projects:

### ◆ Soja Vietnam – E-commerce & Loyalty Platform

- Built customer point system with auto-upgrade tiers (e.g. Member → Gold)
- Developed modules: products, orders, coupons, customer segmentation
- Designed secure token-based login with permission control
- Worked directly with BA team to translate business logic into code

### ◆ VinFast – Salesforce Commerce Cloud Integration

- Integrated internal API with SFCC for customer vehicle registration
- Built dynamic frontend (ISML, Fetch API, DOM manipulation)
- Enhanced UX via real-time validation, error handling, and animations

### ◆ Freemind Admin Panel – Internal Management Tool

- Built a real-time dashboard with [Socket.IO](#) for activity tracking
- Implemented RBAC with custom middleware
- Built search, filter, pagination using server-side logic in MongoDB

## Intern – Freemind Company (*Feb 2023 – Apr 2023*)

- Designed company website UI with HTML, SCSS, React.js
- Developed simple backend APIs (login, fetch list)
- Learned team workflows, GitLab CI/CD, and basic Nginx deployment



## PERSONAL PROJECTS

### ◆ [Ondia.vn](#) – E-commerce Platform (*Oct 2024 – Feb 2025*)

**Stack:** Node.js, Express.js, MongoDB, React.js, Nginx, PM2

- Built full backend: auth (JWT), products, cart, order, and admin logic
- Created frontend with React Router, Axios, and responsive UI
- Deployed to VPS using PM2 + Nginx; added auto-restart and monitoring
- Applied MongoDB aggregation, optimized query performance
- Used `.env`, ESLint, and simple CI with GitHub

## ◆ Homestay Booking Website (*Apr 2025 – Jun 2025*)

- Developed booking flow with calendar conflict checks and confirmations
- Created advanced search: by location, price range, date, capacity
- Implemented role-based access: user, host, admin
- Built admin dashboard to approve listings, manage reviews
- Integrated security: reCAPTCHA, CSRF tokens, input sanitization



## CERTIFICATIONS

- Node.js Developer Certificate (*2023*)
- MongoDB for Developers (*2022*)
- Self-learned advanced SQL and optimization through real projects



## STRENGTHS

- Logical and analytical thinking
- Team collaboration and communication
- Strong self-learning ability, adaptable to business processes
- Able to deliver under pressure and meet tight deadlines



## CAREER OBJECTIVE

To apply my backend and full-stack development skills in real-world projects, while continuously learning new technologies and delivering scalable, maintainable, and impactful software in a professional environment.