

NGUYEN TRAN GIA SI

Java Developer Intern

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📍 Go Vap District, Ho Chi Minh City

OVERVIEW

Final-year Software Engineering student at IUH with hands-on experience in Java, Spring Boot, and databases (MySQL, PostgreSQL, MongoDB). Skilled in building and optimizing RESTful APIs, applying OOP principles, and collaborating in Agile teams. Passionate about backend and full-stack development, with growing interest in AI integration, automation, and modern cloud-based architectures. Eager to learn, adapt, and contribute to real-world projects in dynamic environments.

EDUCATION

IUH - Industrial University of Ho Chi Minh City

August 2022 - Present

Major: Software Engineering

GPA: 3.44/4.0

SKILLS

Technical Skills

- **Languages:** Java (Primary), JavaScript, TypeScript.
- **Frameworks:** Spring Boot, Spring Data JPA, Spring MVC, Spring Security, Spring WebSocket, Hibernate ORM, ReactJS, Tailwind CSS.
- **Databases:** MySQL, SQL Server, MariaDB, MongoDB, Neo4J.
- **Tools:** Git, Docker, Maven, Postman, Swagger/OpenAPI, IntelliJ IDEA, VS Code, Figma.

Soft Skills

- **Time Management:** Prioritize tasks and meet deadlines in fast-paced environments.
- **Problem Solving:** Analyze complex issues and deliver effective solutions.
- **Teamwork & Collaboration:** Contribute ideas and support colleagues in team settings.
- **Language:** Strong technical reading; basic English communication.

PERSONAL PROJECTS

Aurora Hotel – Smart Hotel Booking Platform

August - Dec 2025

Team size: 4 | Role: Team Leader & Backend Developer

- Developed RESTful APIs for room, booking, and user management using **Spring Boot 3.5.5** and **Spring Data JPA**.
- Implemented **OAuth2 authentication**, validation, and DTO mapping with **MapStruct**.
- Designed and managed database with **PostgreSQL** for scalability and reliability.
- Collaborated in an Agile team using **GitHub** for version control and code reviews.
- **Frontend:** React 19 + TypeScript + TailwindCSS.
- **Repo:** <https://github.com/giasinguyen/aurora-hotel-system>

Portfolio – Showcasing selected works in web development, UI/UX design, and software engineering.

April - August 2025

Team size: 1 | Role: Front-end Developer

- Developed a personal portfolio using **React**, **TailwindCSS**, and **Vite**, integrating **Three.js** and **Framer Motion** for 3D visuals and animations.
- **Deployment:** Vercel with GitHub Actions (CI/CD).
- **Repo:** <https://github.com/giasinguyen/giasi-dev-portfolio>
- **Live Site:** <https://nguyentrangiasi.id.vn>

CodeHub – A modern platform for developers to share, discover, and collaborate on code snippets

June - July 2025

Team size: 1 | Role: Fullstack Developer

- Built a full-stack platform for developers to share and collaborate on code snippets.
- **Backend:** Spring Boot, Spring Security (JWT), REST APIs, WebSocket, Lombok.
- **Frontend:** React, TailwindCSS, Vite, Monaco Editor, Zustand, React Query.
- **Database:** MariaDB/MySQL; **Cloud:** Cloudinary.
- **Features:** secure auth, real-time editing, multi-language support, search, and notifications.
- **Repo:** <https://github.com/giasinguyen/codehub-platform>

NatureGrain – Premium Organic Food E-commerce Platform

May - June 2025

Team size: 1 | Role: Fullstack Developer

- Designed and implemented a comprehensive e-commerce platform for organic food retail.
- **Backend:** Spring Boot, Spring Security (JWT), Spring Data JPA, REST APIs.
- **Frontend:** ReactJS, TailwindCSS, Axios, Chart.js, Context API.
- **Database:** MySQL/MariaDB.

- **Features:** Product browsing with search & filtering, shopping cart, multi-step checkout, JWT-secured user authentication, blog management, order history, and **Admin Dashboard** (customers, orders, inventory, analytics).
- **Cloud:** Cloudinary for image hosting & management
- **Repo:** <https://github.com/giasinguyen/naturegrain-ecommerce>

SoleStore – E-commerce Web Application

March – April 2025

Team size: 2 | Role: Team Leader & Fullstack Developer

- Built a modern online footwear platform with **React.js + Node.js/Express + MongoDB**.
- **Customer:** product filtering/search, product detail, shopping cart, checkout, wishlist, order history.
- **Frontend:** React.js, Vite, Tailwind CSS, React Router, Context API, Axios, Framer Motion.
- **Backend:** Node.js, Express.js, MongoDB/Mongoose, JWT authentication, Multer for file upload.
- Delivered a **responsive, user-friendly shopping experience** and efficient admin system.
- **Repo:** <https://github.com/giasinguyen/solestore-ecommerce>

HuongBien – Restaurant Management System

October – Dec 2024

Team size: 4 | Role: Team Leader

- A desktop-based system for optimizing restaurant operations and enhancing customer experience.
- **Features:** Table reservations, customer profiles & loyalty, billing & invoices, employee management, revenue & customer analytics.
- **Tech stack:** Java, JavaFX, Microsoft SQL Server, OpenCV, IntelliJ IDEA, Git/GitHub.
- **Outcome:** Improved staff efficiency and streamlined restaurant workflows.
- **Repo:** <https://github.com/giasinguyen/huongbien-restaurant-system>

AWARDS & SCHOLARSHIPS

Academic Excellence Scholarship – Full (100%) for achieving GPA 3.75/4.0, Industrial University of Ho Chi Minh City	2024
Academic Excellence Scholarship – Partial (50%) for achieving GPA 3.62/4.0, Industrial University of Ho Chi Minh City	2023
Academic Excellence Scholarship – Partial (70%) for achieving GPA 3.50/4.0, Industrial University of Ho Chi Minh City	2022