


NGUYỄN HOÀNG HIỆP

SOFTWARE ENGINEER

CONTACT INFO

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 [portfolio](#)

PROFILE

Hello, my name is Nguyen Hoang Hiep, and I am a passionate software engineer with a strong foundation in Software Engineering from Sai Gon University. I specialize in web development, with a particular affinity for creating dynamic and user-friendly applications. In my projects, I focus on implementing best practices and staying updated with the latest industry trends and technologies. My goal is to contribute to innovative projects that push the boundaries of what software can achieve and to continually grow as a developer in this ever-evolving field.

PROJECTS

E-Commerce Website (3 team member) 2022-2023

- Development and maintained website using Spring Boot
- Managed Database interactions Hibernate and Spring Data JPA
- Implement Restful APIs with Spring MVC
- Ensured application security with Spring Security and JWT token for authentication and authorization
- Utilized Swagger to design and document RESTful APIs
- Transformed applications into containerized applications using Docker
- Extensive use of Actuator for exposing various runtime information and application metrics.

Tech stack: Java(Spring Boot) , Next js

Link github: <https://github.com/nguyenhoanghiep478/microservice-books-ecommerce>

Booking train ticket 2024-2025

- Designed and implemented **RESTful APIs** for each microservice, ensuring clear separation of concerns and loose coupling between services.
- Integrated **OpenFeign** to handle inter-service communication, allowing services to communicate efficiently with each other.
- Set up **Kafka** for reliable message passing, handling high-throughput data streams, and enabling fault-tolerant data pipelines.
- Configured **Eureka** for service discovery, ensuring that services can dynamically locate each other.
- Managed external client traffic and internal routing through the **API Gateway**, enhancing security and performance.
- Implemented **Flyway** for managing and versioning database schema changes, enabling automated migration processes during deployment.

Tech stack: Java(Spring Boot) , Next js, Python

Link github: <https://github.com/nguyenhoanghiep478/BookingTrainTicket>

EDUCATION

Bachelor of Software Engineer

2021-2025

GPA: 3.1/4

Software engineering is a field of engineering that involves the design, development, and maintenance of software applications. It encompasses activities such as requirements analysis, project management, testing, and product deployment.

SKILL

- **Programming Languages:** Java, Python, C#, CSS, JavaScript, TypeScript
- **Database:** MySQL, SQL Server, PostgreSQL
- **Frameworks and Libraries:** Spring Boot, Next.js,
- **Tools:** Git, Postman, Docker, LaTeX
- **Message Broker:** Kafka
- **Cache:** Redis

ACTIVITY

- **Backend Hackathon Dec 2023 - Jan 2024:** This is a competition about fullstack website using Spring boot for Backend and I have joined time ago, although I didn't go to round 3 but after this competition I have learned a lot and more about spring boot like mustache or myBatis framework also more useful algorithm.
- **Global Hackathon 2025 January 2025:** This is a hackathon organized by ATC company in collaboration with partner companies from South Korea, aiming to promote cultural exchange between students of the two countries. I was fortunate to participate and won the Most Creative Idea award with my team by health consultation app