




Nguyen Huu Loc

📍 Thu Duc, Ho Chi Minh City, Vietnam | ✉ locn562836@gmail.com | 📞 +84 565564250 |  lochuung
 lochuung |  lochuung

Profile Summary

As a dedicated student at HCMUTE, I have the responsibility, self-motivation, and the ability to work independently. These attributes and my passion for technology motivate me to excel in challenging environments. I am eager to apply my skills in a practical environment. I am currently seeking an internship opportunity as a developer where I can contribute to multiple projects, acquire new skills, and enhance my existing expertise.

Technical Skills & Knowledge

- **Programming Languages:** Java, JavaScript, Python, C#, PHP
 - **Frontend Technologies:** React + Vite, Ant Design (antd), HTML/CSS, jQuery/Ajax, Bootstrap
 - **Backend Frameworks:** Spring Framework, Spring Boot, Hibernate/JPA, ExpressJS
 - **Databases:** MySQL, PostgreSQL with PostGIS, MariaDB, SQL Server, H2 Database
 - **DevOps & Tools:** Docker, Docker-Compose, Nginx, Postman, Git, Maven
 - **Development Tools:** IntelliJ IDEA, Visual Studio Code, Microsoft Visual Studio, PhpStorm
 - **Systems:** Linux, Windows
- Language:** English (TOEIC 720 - Listening & Reading, Basic Communication)

Education

Ho Chi Minh City University of Technology and Education, Information Technology 2022 – Present

- GPA: 3.68/4.0

Awards

- **Third Prize** – The 33rd Vietnam Student Informatics Olympiad (OLP'24) - Open Source Software (Vietnam Informatics Association), Hanoi Proof
- **First Prize** – Webdev Adventure 2024 (UIT - VNUHCM), Ho Chi Minh City Proof
- **Third Prize** – Mastering of IT 2024 (HCMUTE), Ho Chi Minh City Proof

Experience

Backend Developer, Dong Thap Provincial Ho Chi Minh Communist Youth Union 07/2024 – 01/2025

- **Team size:** 4
- **Project:** API Dong Thap Martyrs Cemetery Management System
- **Technologies used:** Spring Boot, PostgreSQL with PostGIS, Docker, SSL
- **Responsibilities:**
 - Design database and migrate data for cemetery records.
 - Implemented secure JWT authentication system for administrative access.
 - Developed pathfinding API using Dijkstra's algorithm for cemetery navigation.
 - Created comprehensive cemetery management APIs.

- Configured Docker environments for both development and production.

- **Repository:** github.com/VNCemetery/cemetery-backend

Freelancer, Cam Nhung jewelry store – Phu Quoc, Kien Giang

12/2023 – 04/2024

- **Team size:** 2
- **Technologies used:** Spring Boot, Spring Data, Hibernate, Spring Security, Flyway, Docker, ReactJS...
- **Responsibilities:**
 - Migrate from SQL Server database to MySQL database.
 - Analyze and design API to CRUD Order, Customer, and statistic revenue report.
 - Generate PDF receipts and reports.
 - Analyzing and implementing the algorithms to check a valid movement functionality for category using recursive.

Freelancer, RainCamp & Coffee, Lan Anh Resort – Dalat, Lam Dong

04/2023 – 05/2023

- **Team size:** 2
- **Technologies used:** Laravel, Bootstrap,...
- **Responsibilities:**
 - CRUD Coupon.
 - Designing the UI / UX and using Bootstrap to implement.
 - Analyze and design an algorithm to make the seat choice for the reserve ticket process.

Projects

CareX (Backend Developer)

github.com/lochuung/CareX

- **Description:** Web app supports users in both physical and mental health by providing personalized guidance on balanced nutrition and in-home yoga practices to help you rediscover inner peace.
- **Team size:** 5
- **Technologies used:** Java (Spring Boot), Javascript (ReactJS, TensorflowJS), Docker, MySQL, Python (Tensorflow, FastAPI),...
- **Responsibilities:**
 - Come up with ideas for projects.
 - System and Database analysis and design.
 - Analyze and design API.
 - Implement JWT authentication.

Boarding House (Fullstack Developer)

github.com/lochuung/nhatro

- **Description:** A web application that helps manage rental rooms efficiently.
- **Team size:** 3
- **Technologies used:** Spring Boot, Flyway, Spring Security, Vite + ReactJS, MariaDB, Docker, Postman, Git,...
- **Responsibilities:**
 - Planned project structure and roadmap.
 - Migrated and seeded initial database data.
 - Designed and analyzed backend APIs.
 - Implement JWT authentication.
 - Tested APIs using Postman.
 - Set up the development environment.
 - Deployed the application using Docker.
 - Researched and integrated UI templates.