Hao, Dang Minh

0777339945 | dangminhhao365@gmail.com| leetcode.com/haolor | github.com/haolor

EDUCATION

Saigon University	District 5, HCMC - GPA: 3.28/4.0
Engineer's Degree - Software Engineer	*Aug. 2022 – May 2027 (Dec. 2025 Graduated - Expected)*
English: B2	Capable of conducting a 100% English interview

PROJECTS

Ecommerce - Food Ordering | *Spring Boot, Spring Security, ReactJS, PostgreSQL/Redis. Full-stack web application for online food ordering with JWT authentication, order & payment workflow, VNPay integration, Redis caching, Docker.* | GitHub
- Team size: 4
- Designed and developed a full-stack food ordering e-commerce platform, including system analysis, database modeling, and RESTful API design.
- Collaborated in a four-member team to implement product, cart, order, and payment workflows.
- Engineered the back-end using Spring Boot 3, applying layered architecture and Spring Data JPA; implemented Spring Security with JWT authentication, RBAC, BCrypt password hashing, and Redis-based security mechanisms.
- Applied Redis for caching, OTP verification, rate limiting, token blacklisting, and distributed locking.
- Integrated VNPay payment gateway with HMAC SHA512 validation and secure webhook handling.
- Developed responsive frontend using React 18 and Axios; integrated Cloudinary for image management.
- Containerized and deployed with Docker, Docker Compose, Nginx and GitHub Actions CI/CD.
- Implemented basic system monitoring using Prometheus and Grafana.

Ecommerce - Clothes Store | *Spring Boot, Spring security, ReactJS, Material-UI, Thymeleaf, MySQL* | GitHub
- Team size: 3
- Designed and developed a user-friendly interface for an apparel e-commerce platform, supported by comprehensive system analysis.
- Collaborated in a three-member team to design and build a full-featured e-commerce solution for clothing retail.
- Implemented the back-end architecture using the Spring Framework, leveraging Spring Boot for rapid application development and Spring Security for secure authentication and authorization.
- Built a responsive and intuitive front-end using ReactJS and Material-UI, while utilizing Thymeleaf for server-side rendering and dynamic content generation.

OTHER SKILLS

Problem Solving: Strong analytical and problem-solving skills demonstrated through building complex software projects and solving algorithmic challenges.

Collaboration: Experienced in team-based development, actively participating in code reviews and clearly communicating technical concepts.

Learning & Adaptability: Fast learner with a strong interest in new technologies and programming languages; proactively seeks feedback and continuously improves coding practices.

Version Control: Proficient in Git workflows, including branching, merging, and resolving conflicts.

Technical Foundation: Solid understanding of data structures, algorithms, and object-oriented programming principles; solved **500+ problems** on LeetCode.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript

Web Technologies: HTML5, CSS3, RESTful APIs, JSON

Frontend Development: React.js, Material-UI, Bootstrap

Backend Development: Spring Boot, Spring JPA, Spring Security, JWT

Databases: MySQL, PostgreSQL

Fundamentals: Java core, Design pattern, OOP, DSA, Database

Testing: JUnit, Postman