Nguyen Tan Loc

Software Engineer

ABOUT

I am a fourth-year software engineering student at Can Tho University of Technology, applying for a back-end developer position. My passion and excitement for web development drive me to continuously learn and practice, always striving to improve my skills.

SKILLS

Main skills:
Programming Languages**:** Javascript, TypeScript, SQL, NoSQL, Php.
Frameworks and Libraries: NestJS, TypeORM, Apollo GrahQL, Swagger, ReactJS, Ant design, Axios, React Native.
Programming Paradigms and Architectures: RESTful API, GraphQL, OOP, MVC.
Database Management: MySQL, MongoDB.
Tools & Platforms: Git, GitHub, GitLab.
Language: Native Vietnamese and Intermediate English.
Soft skills:
Communication, Teamwork, Responsibility, Creativity, Problemsolving, Adaptive.

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Github

https://github.com/locnguyen2k2

Portfolio

https://locnguyen2k2-portfolio.vercel.app/

My Projects

Quizzes & Exams Management System _(thesis)_

Team(size: **2**, role: **back-end**)   Aug 2024 – Dec 2024

Description: Developed a question management and automatic exam paper generation system aims to helps lecturers easily personalize the generation exams and management of data related to exam papers.
Responsibility: Build the server side's functionality, including randomly generating and managing exam papers, managing and classifying questions, classes, courses, chapters, users, permissions, user authentication and authorization, and related data.
Technologies: NestJS, MongoDB, GraphQL, TypeORM
Github: https://github.com/locnguyen2k2/exam-management-system

Laboratory Management System

Team(size: **3**, role: **back-end**)   Jan 2024 – July 2024

Description: Developed a Laboratory Information Management System (LIMS) that enhances the efficiency of transferring, borrowing, returning, and managing item information for the university laboratory.
Responsibility: Build the server-side functionality, including transferring, borrowing, and returning items; CRUD operations (items, rooms, categories, users, roles, permissions); and user authentication and authorization.
Technologies: NestJS, MySQL, Swagger, TypeORM
Github: https://github.com/locnguyen2k2/laboratory-management-system

HiCoffee - Order Management System

Team(size: **2**, role: **full-stack, mobile application**)   Sep 2022 – Dec 2023

Description: Developed an ordering system to manage information, the ordering process, and payment.
Responsibility: Building the server-side functionality includes managing orders, payments, statistics, products, categories, areas, tables, invoices, user authentication, and authorization. Developed an ordering application.
Technologies: Php, MySQL, Axios, Ajax, Javascript, HTML, CSS, React Native
Github: https://github.com/locnguyen2k2/laboratory-management-system
Github: https://github.com/locnguyen2k2/hi-coffee-order-application

EDUCATION

Can Tho University of Technology

Bachelor of Software Engineering   _Oct 2020 - Jan 2025 (expectedly)_

Major: Software engineer
GPA: 3,47/4.0