NGUYEN TAN LOC

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OBJECTIVE

- My full name is Nguyen Tan Loc I am 22 years old and I am a fourth-year software engineering student at Can Tho University of Technology. Apply for back-end developer with a passion and excitement for web development drives me to continuously learn and practice, always striving to improve my skills.

EDUCATION

CAN THO UNIVERSITY OF TECHNOLOGY   *Ninh Kieu, Can Tho*

Bachelor of Software Engineering   *Oct 2022 – Jan 2025*

- Major: Software engineer
- GPA: 3,47/4.0

PROJECTS

Exam Papers Management System *(thesis)*

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

- ***Descriptions:*** Developed a quizzes and exams management system for managing questions, exam papers, and the automatic generation of exams, as well as providing data management support for the system.
- ***Functions:*** Create, view, update and delete (Classes, Lessons, Chapters, Questions, Exam papers, Roles, Permissions, Users), authentication, generate exam papers.
- ***Technologies:*** NestJS, Mongo DB, GraphQL
- ***Deployment environment***: Render, MognoDB Atlas.
- ***Github***: https://github.com/locnguyen2k2/exam-management-system
- ***Demo:*** https://exam-management-system-z76m.onrender.com/graphql

Laboratory Management System

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

- ***Descriptions:*** Developed the system management of borrowing, returning, and transferring items between rooms and creating, managing categories, equipment, tools, chemicals, users, permissions.
- ***Functions:*** CRUDs (item, room, category, borrowing, returning, user), and user authentication.
- ***Technologies:*** NestJS, MySQL, SwaggerAPIs.
- ***Deployment environment***: Render, Aiven.
- ***Github***: https://github.com/locnguyen2k2/laboratory-management-system
- ***Demo:*** https://laboratory-management-system.onrender.com/apis

HiCoffee – POS System

Team (size: 2, roles: back-end, front-end for mobile application)   *Sep 2022 – Dec 2023*

- ***Descriptions***: Developed the POS system supports order placement at the counter and manages information and functionalities related to categories, products, areas, tables, orders, invoices, statistics, payments (cash only), users, and permissions. The system is set up on mobile applications for staff.
- ***Functions:*** CRUDs (products, categories, areas, tables, orders, invoices, users, roles, permission), payment, statistic, and user authentication.
- ***Technologies***: Php, MySQL, Ajax, Axios, React Naitve, HTML, CSS, Javascript.
- ***Architecture***: MVC.
- ***Github***: https://github.com/locnguyen2k2/HiCoffee

SKILLS

- **Main skills:**
- ***Programming Languages***: TypeScript, Javascript, SQL, NoSQL, Php.
- ***Frameworks and Libraries***: NestJS, Axios, Apollo Graphql, ReactJS, Ant design, SCSS, React Native.
- ***Programming Paradigms and Architectures:*** RESTful API, GraphQL, OOP, MVC.
- ***Database Management:*** MySQL, MongoDB.
- ***Tools & Platforms:*** Git, GitHub, GitLab, Vercel, Render, NVM, Cloud Storage for firebase, Google Cloud Console (APIs & services).
- ***Language:*** Native Vietnamese and Intermediate English (TOEIC 520).