

PHAN TAN DUY

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Education

CANTHO UNIVERSITY OF TECHNOLOGY

Bachelor of Engineering, Information Technology.

GPA: 3.24/4.00.

Ninh Kieu, Can Tho
Graduated: January 2025

Experience

FPT SOFTWARE

Intern - COBOL to JAVA & React Migration Project

Ninh Kieu, Can Tho
November 2024 – January 2025

Participated in a structured training program on COBOL and Mainframe systems, applying knowledge in a simulated COBOL to Java & React migration project. Worked closely with the team to complete assigned tasks, troubleshoot issues, and ensure the functionality of the mock system.

FPT SOFTWARE INNOVATION

Data Processing (Data Annotation)

Ninh Kieu, Can Tho
August 2022 - October 2023

Reviewed and annotated datasets (images, audio, video) based on client requirements. Worked as a Quality Reviewer, identifying and logging data inconsistencies or deviations from given guidelines. Collaborated with the team to optimize workflows and improve data labeling efficiency.

Personal Projects

BLOCKCHAIN-BASED STUDENT GRADE MANAGEMENT

September – December 2024

Full-Stack Developer

- Developed a web application for managing and storing student grades using blockchain technology.
- Implemented on-chain grade storage and role-based access control, integrating MySQL for managing academic data, including courses, semesters, teachers, and students.
- Designed and deployed a private blockchain with Geth, developed smart contracts in Solidity, and built backend APIs with NestJS. Created an Admin Dashboard using Next.js for efficient management.
- **Technologies used:** Next.js, NestJS, Solidity, Ethers.js, Geth, MySQL.
- **GitHub Repository:** <https://github.com/ptduy14/student-grade-management-using-blockchain>

LABORATORY MANAGEMENT

January – June 2024

Front-End Developer

- Developed a web application for managing university laboratory operations and resources.
- Implemented key features, including equipment tracking, chemical inventory management, laboratory scheduling, usage history, user management, and resource allocation for departments.
- Designed and built an Admin Dashboard to facilitate efficient management and monitoring.
- Collaborated with the Back-End Developer to design a relational database schema, ensuring data integrity and efficient storage.
- **Technologies used:** React.js, Next.js, NextAuth, NextUI, SWR, React Hook Form, Zod, Tailwind CSS.
- **GitHub Repository:** <https://github.com/ptduy14/laboratory-management-admin>

MOVIEX - AN ONLINE MOVIE WEB STREAMING

August 2024 – Present

Front-End Developer

- Developed a movie streaming platform using Next.js, allowing users to stream movies, track progress, manage favorites, comment, and view recently watched content.
- Implemented core features, including movie playback, episode selection, user authentication, and user-specific features like watch history and favorite lists.
- Completed as an individual project, utilizing self-taught skills and applying advanced NextJS concepts.
- **Technologies used:** React.js, Next.js, Tailwind CSS, Redux Toolkit, Firebase, React Hook Form, Zod.
- **GitHub Repository:** <https://github.com/ptduy14/movie-web>

Skills & Background Knowledge

Programming Languages: JavaScript, TypeScript, Java, PHP, SQL.

Frontend Technologies: React.js, Next.js, Tailwind CSS, NextAuth, SWR, Redux Toolkit

Backend Technologies: Experience with Laravel and RESTful APIs; familiar with NestJS, Spring Boot.

Database Management: MySQL, MSSQL.

Tools & Platforms: Git, Github, Postman, Vercel, Firebase, Docker (basic).

Language: Intermediate English.