

## Phan Tan Duy

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### Education

#### CANTHO UNIVERSITY OF TECHNOLOGY

Bachelor of Engineering, Information Technology.

GPA: 3.20/4.00.

Ninh Kieu, Can Tho  
Graduated: January 2025

### Experience

#### FPT SOFTWARE

##### Intern - COBOL to JAVA & React Migration Project

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.

Ninh Kieu, Can Tho  
November 2024 – January 2025

#### FPT SOFTWARE INNOVATION

##### Data Processing (Data Annotation)

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.

Ninh Kieu, Can Tho  
August 2022 - October 2023

### Personal Projects

#### BLOCKCHAIN-BASED STUDENT GRADE MANAGEMENT

##### 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>

September – December 2024

#### LABORATORY MANAGEMENT

##### 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>

January – June 2024

#### MOVIEX - AN ONLINE MOVIE WEB STREAMING

##### 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>

August 2024 – Present

### **Skills & Background Knowledge**

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

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

**Backend:** NestJS, Spring Boot (Basic), RESTful API.

**Database Management:** MySQL, MSSQL.

**Tools & Platforms:** Git, GitHub, NVM, Docker (Basic), Geth, Solidity, Ethers.js.

**Language:** Intermediate English.