

## 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

Expected Graduation: March 2025

### Experience

#### FPT SOFTWARE INNOVATION

##### Data Processing (Data Annotation)

Performed data annotation on images, audio, and video; reviewed quality data as a Reviewer, log bug, provided feedback; collaborated on solutions for complex issues, monitored daily performance and progress.

Ninh Kieu, Can Tho

August 2022 - October 2023

### Personal Project

#### STUDENT-GRADE-MANAGEMENT

##### Project Developer

September – December 2024

- Developed a web application for managing and storing student grades using blockchain technology.
- Features included grade storage on a blockchain, student and semester management, role-based access control, and integration with a MySQL database for managing academic information.
- Responsible for designing and implementing the private blockchain, smart contracts, backend APIs, and the Admin Dashboard.
- Technologies used: NextJS, NestJS, Sodalitiy, EtherJS, Geth for setting up the private blockchain.
- GitHub Repository: <https://github.com/ptduy14/student-grade-management-using-blockchain>

#### LABORATORY MANAGEMENT

##### Front-End Developer

January – June 2024

- Developed a software system to manage information and activities of the university laboratory.
- Features included equipment management, chemical management, laboratory management, usage history, user management, and resource allocation to departments.
- Responsible for building the Admin Dashboard.
- Collaborated with Back-End Developer to design relational database schema.
- Technologies used: ReactJS, NextJS, NextAuth, NextUI, SWR, React Hook Form, Zod, TailwindCSS.
- GitHub Repository: <https://github.com/ptduy14/laboratory-management-admin>

#### MOVIEX - AN ONLINE MOVIE WEB STREAMING

##### Front-End Developer

August – October 2024

- Developed a movie streaming platform based on Next.js that allows users to watch movies, choose episodes, and personalize their viewing experience through a secure login system using Firebase.
- Features include watching movies, tracking movie watching progress, adding movies to favorites, monitoring the user's viewing history, and using URL search params to manage the search state.
- Completed as an individual project with self-taught skills.
- Technologies used: ReactJS, NextJS, TailwindCSS, Redux Toolkit, Firebase, React Hook Form, Zod.
- GitHub Repository: <https://github.com/ptduy14/movie-web>

### Skills & Background Knowledge

**Programming Languages:** JavaScript, TypeScript, PHP, SQL and HTML/CSS.

**Libraries and Frameworks:** ReactJS, NextJS, NextUI, Laravel, NestJS, TailwindCSS, React Hook Form, Zod.

**Programming Paradigms and Architectures:** RESTful API, OOP, MVC.

**Database Management:** MySQL, MSSQL.

**Tools & Platforms:** Git, NVM (Node Version Manager), GitHub, and basic knowledge of Docker.

**Language:** Intermediate English.