

# Tran Vi Hao

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[github.com/vihao1802](https://github.com/vihao1802) • [github.com/vihao1802/my-portfolio](https://github.com/vihao1802/my-portfolio)

I am a fourth-year student at Sai Gon University. Motivated Frontend intern with a knack for UI/UX design and a solid foundation in modern frontend technologies. After working on team and personal projects, I have gained more experience in problem-solving skills and team leadership ability.

## EDUCATION

### Software Engineering

Sai Gon University

Oct 2021 - Present

GPA: 3.21

## SKILLS

**Frontend:** Reactjs, Nextjs, Shadcn, Material UI, Tailwind CSS, Bootstrap, Figma Basic.

**Backend:** Nodejs, Expressjs, FastAPI, Prisma, JWT, OAuth 2.0, Firebase Storage

**Version Control:** Git, Github

**Language:** JavaScript, TypeScript, Python, HTML/CSS

**Containerization:** Docker

**CI/CD:** Github action

**Web server:** Nginx, Linux Basic

**Tool:** WSL, Postman

**Database:** MySQL, MongoDB

## PROJECTS

### Course Learning Website | A full stack e-learning website [↗](#)

Jun 2024 - Jul 2024

**Team size:** 1, **Role:** Full stack

#### Technologies:

- Front-end + Back-end: Nextjs, Reactjs, Typescript, Tailwind CSS, MongoDB, mongoose, Jest(Unit Testing), Firebase Storage, Clerk OAuth.
- CI/CD: Github Action, Docker.

#### Features:

- Uploading course's images and lesson's videos and store them in Firebase Storage.
- Tracking progress when user watch videos of the course.
- Listing all courses and lessons of the course
- Marking as Completed/Uncompleted lessons

#### Responsibility:

- Build user interface by Nextjs, Reactjs with Shadcn UI component and Tailwindcss.
- Create mongoose schema and connect to MongoDB Database.
- Develop server action in Nextjs to process requested data and return to Frontend.
- Utilize Sign In/Sign Up from Clerk OAuth providers such as Google, Github, etc.
- Implement CI/CD with github action and docker.
- Deploy app to VPS and use Nginx as a web server.

**Repository:** <https://github.com/vihao1802/course-learning-website>

### Website ClassIn | A full stack website for classroom management [↗](#)

Feb 2024 - May 2024

**Team size:** 4, **Role:** Full stack

#### Technologies:

- Front-end: Reactjs + Javascript, Material UI, Redux Toolkit, Websockets.
- Back-end: FastAPI + Python, SQLAlchemy, SQLite.

#### Features:

- Providing classroom management functionalities such as create/join class, create/do tests and exercises, add/remove students, etc.
- Chatting between users in real-time through group chat or friend chat .
- Having functionalities for creating, managing and doing test in form of multiple choices tests.
- Teacher can upload files, images and materials with students.

#### Responsibility:

- Build and manage API for retrieving data from SQLite using FastAPI and ORM SQLAlchemy.
- Design chat app user interface.
- Utilize Websocket for chatting in real time among users.
- Develop functionalities that user can filter status of exercise and test.
- Contribute on building database and improve web app productivity.

**Repository:** <https://github.com/vihao1802/Website-ClassIn>