



# HO VAN DE

INTERN BACKEND DEVELOPER

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📍 Ho Chi Minh City

## CAREER OBJECTIVE

I want to start as a Backend Developer Intern, learning to build and improve systems. I also want to explore Cloud Computing and DevOps to understand how to deploy and manage applications. In the next 3-5 years, my goal is to become a Fullstack Developer, skilled in both backend and frontend, to build modern and efficient web applications.

## TECHNICAL SKILLS

**Programming languages:** JavaScript, Typescript, PHP (basic), Python (basic)

**Frameworks/Libs:** NodeJS (ExpressJS, **NestJS**), ReactJS, **NextJS**, PassportJS, JWT, Redux Toolkit, Tailwind, React Query, Shadcn UI

**Database:** MySQL, MongoDB, Redis

**Tools:** Visual Studio Code, Docker, Postman

**Version Control:** Git, GitHub

**Cloud & Hosting:** AWS EC2, Vercel, Render.

**Concept:** OOP, SOLID

## PROJECTS

### Smart Tech Store (<https://store.hovande.id.vn>)

Feb 2023 - Present

- **Description:** An e-commerce platform for electronic devices with smart search, reviews, secure ordering, multiple payments, and fast delivery.
- **Tech Stack:** Backend (**NestJS**, TypeScript, JWT, PassportJS, Prisma, Cloudinary), Frontend (**NextJS**, TypeScript, Tailwind, Redux Toolkit, React Query), Database (MySQL, Redis).
- **Deployment:** Backend on AWS EC2 (Docker Compose, Cloudflare SSL, Nginx), Frontend on Vercel.
- **Features:** Third-party authentication (Google, Facebook), role-based access control (RBAC), order management, product search & filtering, VNPAY payment, Cloudinary image upload, bot protection with Cloudflare Turnstile.
- **Knowledge Gained:** Built a scalable e-commerce system, implemented JWT authentication, optimized database queries with Prisma & Redis, deployed backend with Docker on AWS EC2, managed state with Redux Toolkit & React Query, and integrated VNPAY payment gateway.

### Youtube Clone (<https://youtube.hovande.id.vn>)

Feb 2025 - Present

- **Description:** A YouTube clone with video upload, playback, playlists, comments, likes, and subscriptions.
- **Tech Stack:** Backend (**NestJS**, Mongoose, JWT, Passport, Cloudinary), Frontend (**NextJS**, React Player, React Query, Zustand, Shadcn/UI, Tailwind CSS), Database (MongoDB, Redis).
- **Deployment:** Backend on AWS EC2 (Docker Compose, Cloudflare SSL, Nginx), Frontend on Vercel.
- **Features:** Video upload & storage (Cloudinary), search by title/description, likes/comments, playlist management, and channel subscriptions.
- **Knowledge Gained:** Developed a full-featured video platform, implemented JWT authentication, managed media storage with Cloudinary, optimized database queries with MongoDB & Redis, deployed backend with Docker on AWS EC2, and handled state management with Zustand & React Query.

## EDUCATION

### Can Tho University (CTU)

Information Technology  
GPA: 3.26

Oct 2020 - Apr 2025

### English

TOEIC 570 (Listening & Reading)

Dec 2024 - Dec 2026