# Nguyen Duc Nhat Tan

Software Engineer

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## OBJECTIVE

- **Short-term:** Seeking a challenging position where I can leverage my experience in building scalable web applications. I aim to continuously grow my technical skills and contribute to delivering high-quality digital solutions in a collaborative environment.
- **Long-term:** Aiming to grow into a well-rounded software engineer with strong problem-solving skills and future leadership potential. I am passionate about modern JavaScript/TypeScript technologies and seek to build impactful, high-performance web applications.

## EDUCATION

**University of Science - VNUHCM**                                           09/2021  -  04/2025

Bachelor of Science in Software Engineering

GPA: 3.6/4

## WORK EXPERIENCE

**Teko Solution**                                                           04/2024  -  04/2025

Frontend Developer

**Project: KarbonMap**

- Collaborated with cross-functional teams to develop and maintain user interfaces for a carbon footprint tracking platform using ReactJS.
- Implemented responsive UI components and optimized client-side performance, resulting in a smoother user experience across devices.
- Integrated RESTful APIs and contributed to the front-end architecture to ensure scalability and maintainability.
- Worked closely with the product team to translate design mockups into clean, modular code using TypeScript, SCSS, and component libraries.
- Participated in Agile development cycles, including sprint planning, daily stand-ups, and code reviews.
- Participated in code reviews, wrote unit tests with Jest and React Testing Library.

## SKILLS

**Frontend**
- ReactJS, NextJS, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, TailwindCSS
- State management: React Context API, Redux, Zustand
- Form handling & validation: React Hook Form
- Data fetching: React Query, Axios
- SSR & SSG with Next.js

**Backend**
- NodeJS, ExpressJS, NestJS
- RESTful API design & integration, WebSocket
- Authentication (JWT, OAuth)
- MongoDB, PostgreSQL

**Tools & Workflow**
- Git, GitHub, GitLab, VS Code, Postman
- CI/CD tools (GitLab CI)
- Agile / Scrum methodology

- Jira, Figma
- Docker

| Languages | • English (Able to read technical documents, communicate in a team, and join meetings) |

# PERSONAL PROJECTS

### Youtube Clone          -

Technologies: Next.js 15, React 19, TailwindCSS, ShadcnUI, PostgreSQL, DrizzleORM, tRPC

- Advanced video player with quality controls with Mux
- Automatic video transcription
- Smart thumbnail generation, AI-powered title and description generation
- Creator Studio, custom playlist management
- Interactive comment system, like and subscription system
- Authentication system
- Module-based architecture

Link: https://me-tube-teal.vercel.app/

### E-commerce Multi-Tenant Platform          -

Technologies: Next.js 15, React 19, TailwindCSS, ShadcnUI, MongoDB, Payload CMS, tRPC

- Multi-tenant architecture
- Custom merchant storefronts
- Product ratings & reviews
- Role-based access control
- Admin dashboard, merchant dashboard
- Category & product filtering, search functionality

Link: https://e-commerce-mdcw.vercel.app/