

Vo Ngoc Thang

Front-end Developer

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ABOUT ME

Web Developer with a strong focus on front-end development, proficient in building scalable and reusable UI components using **React.js**, **Next.js**, **TypeScript**, and **Tailwind CSS**, while also capable of handling back-end development tasks.

Expert in translating Figma designs into **pixel-perfect**, responsive interfaces, ensuring a seamless and consistent user experience across devices.

Dedicated to UI/UX optimization and performance tuning, emphasizing minimized load times, **reduced re-renders**, and **delivering fast, accessible, and maintainable front-end solutions**.

SKILLS

- **Front-end:** JavaScript (ES6+), TypeScript, React.js, Next.js, Zustand, Redux, Tailwind CSS, WebSocket, React Query.
- **Back-end:** Node.js, Nest.js, PostgreSQL, RESTful APIs, CI/CD.
- **UI Library/Component:** shadcn/ui, MUI, Mantine.
- **Tools:** Git, Bitbucket, Docker, Postman.
- **Soft Skills:** Creativity, Team collaboration, Problem solving, Understanding English documents, Basic English communication.

EXPERIENCES

XBirds

Front-end Developer

06/2024 - 07/2025

PROJECTS

XBirds | TestGenAI

03/2025 – Present

Front-end Developer

- Led the front-end development, overseeing architecture, code quality, and team coordination to deliver a robust AI-driven test case generation platform.
- Developed a **real-time streaming UI** for AI-generated test cases, **optimized performance and DOM size** by implementing **virtualized scrolling** to efficiently handle high-frequency updates and large datasets.
- Built a **dynamic test case parser** to process complex AI-generated outputs, ensuring accurate and seamless display of test cases.

- Integrated a **local database** using **wa-sqlite** and **IndexedDB** to securely store sensitive user data and project documents, enabling **offline access** with strong **data encryption**.
- **Tech stacks:** Next.js, TypeScript, Tailwind CSS, shadcn/ui, Supabase, Langchain, React Query, Zustand, Git, Gemini, wa-sqlite.

Freelance | Yoshida Corporate. Ltd

02/2025 – 07/2025

Front-end Developer

- Led and coordinated the entire front-end development process, ensuring timely delivery and alignment with project goals.
- Built responsive corporate and recruitment websites using **Next.js** with bilingual support in Japanese and English.
- Integrated a custom **CMS** with **Cloudflare D1** and **R2 Storage** (via S3 SDK) for dynamic content and document management.
- Improved SEO and performance with **SSR**, optimizing **Core Web Vitals**, reducing load time by **35%**.
- **Tech stacks:** Next.js, TypeScript, Tailwind CSS, shadcn/ui, Cloudflare D1, R2 Storage (S3 SDK), Git.

XBirds | The Black Artichoke

11/2024 – 04/2025

Front-end Developer

- Developed a responsive and accessible UI using **Next.js** and **Tailwind CSS**, ensuring cross-device compatibility.
- Built reusable components from Figma designs using **shadcn/ui**, maintaining consistent UI/UX across pages.
- Improved SEO performance by implementing **Next.js SSR**, achieving **95+ Lighthouse** scores.
- Optimized data fetching and page load times using **React Query**, lazy loading, and route prefetching.
- **Tech stacks:** Next.js, TypeScript, Tailwind CSS, shadcn/ui, Supabase, Zustand, React Query, Git

XBirds | Enrich English Center CRM

06/2024 – 11/2024

Front-end Developer

- Built a smart scheduling job system using **cron-job** to dynamically recalculate class sessions based on course changes, holidays, and real-time student progress, reducing schedule conflicts.
- Developed real-time, role-based dashboards to deliver tailored views for teachers and admins, reducing data retrieval time by **35%**.
- Implemented a schedule conflict detection mechanism to ensure data consistency and reduce scheduling errors by **30%**.
- **Tech stacks:** Next.js, TypeScript, Tailwind CSS, shadcn/ui, Supabase, Zustand, React Query, **Git**

EDUCATION

Industrial University of Ho Chi Minh City

Major: Software Engineering

2021 - 2025