Tai Tran

Full-stack Developer

Name	Tai Tran	**Birth**	23/02/2002
Phone	+84 931983495	**Email**	taitranhuu2002@gmail.com
Address	Thua Thue Hue, Viet Nam	**Portfolio**	https://huutai.me

◎ Overview

- I am a software developer with solid experience in both Frontend and Backend development. In the Frontend arena, I have worked with technologies such as Next.js, React.js, Nuxt.js, Vue.js, Svelte, and Astro, with a particular focus on optimizing user interface performance. I have implemented solutions that reduce page load times, enhance render speed, and improve the overall user experience by optimizing code and effectively utilizing caching, lazy loading, and performance analysis techniques.
- On the Backend, I bring expertise in C#, .NET, PostgreSQL, SQL Server, and Docker, enabling me to build robust and scalable systems that seamlessly integrate with high-performance Frontend solutions.
- As a proactive team player, I am committed to continuous learning and the adoption of cutting-edge technologies to develop innovative and efficient solutions. I am now seeking opportunities to leverage my full-stack capabilities especially my Frontend performance optimization expertise to make a significant impact on meaningful projects.

🗄 Work experience

5/2022 – 5/2023

FREELANCER

Front End Developer

- Developed dynamic and responsive web modules for various client projects, ensuring seamless integration with existing systems.
- Transformed UI/UX designs from Figma into fully functional interfaces, maintaining pixel-perfect accuracy and optimizing user experience.
- Ensured high performance and cross-browser compatibility, optimizing code for responsiveness and accessibility.
- Collaborated with clients and backend developers to align front-end implementation with business and technical requirements.
- Implemented interactive features and animations to enhance user engagement and overall design appeal.

5/2023- Present

MGI Solutions

Software Developer

- Developed reusable code and libraries: Designed and implemented reusable code and libraries to optimize performance and ensure consistency across future projects.
- Optimized application performance and compatibility: Ensured the application operated smoothly across various platforms and browsers, optimizing load times and enhancing user experience.
- Collaborated with software engineering teams: Worked closely with engineering teams to design, develop, and maintain web application features, ensuring they met user and client requirements.
- Developed ADA-compliant websites: Ensured websites adhered to accessibility standards, making them usable for individuals with disabilities.
- Designed and managed databases: Created and maintained necessary databases for applications, ensuring data was stored securely and could be retrieved efficiently.
- Developed and integrated APIs: Built and integrated APIs to connect various application components and external services as needed.

Skills

Main
- Front-end Development: Proficient in HTML, CSS, and JavaScript frameworks (ReactJS, NextJS, Nuxt, Svelte, Astro) with TypeScript, responsive design, cross-browser compatibility, and performance optimization.
- Back-end Development: Skilled in C#, .NET, PostgreSQL, SQL Server, and Docker for efficient server-side and database management.

Other
- Proficient in Git for efficient version control and collaboration.
- Skilled in Figma and Photoshop for UI/UX design and graphic editing.
- Strong communication and teamwork abilities.
- Experienced with Prettier, ESlint, and Husky to maintain code quality and enforce standards.
- Familiar with Vite and Webpack for efficient project bundling and build optimization.

Projects

Dental CRM

(01/2025 - Present)

Client	4MGI
Description	Dental CRM is a customer relationship management system for dentistry, integrated with PMS and Whatconvert to synchronize patient data and marketing. The project provides Sankey chart to track the conversion rates from Lead to completed treatment, Treatment Tracker manages treatment plans and appointments, marketing control panels using AI analysis effect from Whatconvert, and workflow management feature to help employees optimize the job.
Number of members	6
Position	Full-stack
Responsibilities	- Developed and deployed integrations with Patient Management Systems (PMS) as well as marketing platforms like WhatConvert, to synchronize patient data and marketing analytics. - Designed and built the Sankey diagram feature to visualize conversion rates from lead to treatment completion, providing insights into the patient journey. - Created the Treatment Tracker module, enabling clinic staff to efficiently manage patient information, treatment plans, and appointments. - Implemented the marketing dashboard using AI to analyze data from WhatConvert, providing accurate conversion rates and predictive analytics to optimize marketing strategies. - Developed the workflow management tool to help clinic staff organize and track tasks, enhancing operational efficiency. - Designed and implemented a multi-tenant architecture, allowing the CRM to support multiple dental clinics with isolated data environments, ensuring security and scalability.
Technology in use	- Frontend: NextJS, React Query, Shadcn - Backend: .NET 9, Postgresql, Microservices

CMS 4MGI

(04/2024 - 03/2025)

Client	4MGI
Description	Visual headless CMS
Number of members	8
Position	Full-stack
Responsibilities	• Developed an intuitive drag-and-drop interface for seamless web page creation. • Implemented dynamic field management for effortless addition, editing, and removal of content elements. • Built a robust content management system to create, organize, and manage various content types. • Integrated granular user role management to ensure secure and efficient control. • Enhanced SEO capabilities with built-in tools for managing meta tags, URLs, and keywords. • Supported multilingual functionality to cater to a diverse user base.
Technology in use	• Frontend: NextJS, React Query, Shadcn UI • Backend: .NET, Postgresql

CMS Drberg

(9/2023 - 2/2024)

Client	Drberg
Descriptions	CMS is computer software or an application that uses a database to manage all content, and it can be used when developing a website
Number of members	6
Position	Fullstack
Responsibilities	• Develop required functionalities • Building reusable code and libraries for future use • Application updates and maintenance
Technology in use	• Frontend: Nuxt • Backend: .NET, SQL Server

Shop Drberg - (https://shop.drberg.com)

(9/2023 - 9/2024)

Client	Drberg
Descriptions	E-commerce application
Number of members	> 10
Position	Frontend Developer
Responsibilities	• Develop required functionalities • Developing an ADA-compliant website • Optimization of the frontend application for the best performance and highest compatibility of multiple devices and browsers • Building reusable code and libraries for future use • Application updates and maintenance
Technology in use	• Frontend: Astro Framework, Svelte, VueJS • Backend: Magento, .NET

Pidol: The First Short Video Streaming Platform Built on Web3

(06/2021 - 01/2022)

Client	Pidol
Descriptiopn	Pidol is an innovative short video streaming platform built on Web3 technology. It offers content creators a decentralized environment to share their work, ensuring greater control and ownership over their content.
Number of members	8
Position	Frontend Developer
Responsibilities	• Developed a decentralized short video streaming platform using Web3 technology. • Enabled content creators to retain full ownership and control over their work. • Implemented transparent monetization and distribution mechanisms. • Fostered a vibrant community for collaboration and engagement. • Leveraged decentralized networks to enhance security, transparency, and user autonomy.
Technology in use	• Frontend: Nextjs • Backend: Nestjs, MongoDB

Nha Khoa Hoang Kim

(5/2022 - 7/2022)

Client	Individual
Description	Website introducing dental clinics to provide information about the clinic, services, team of doctors, certifications, promotions, contacts, etc.
Number of members	3
Position	Frontend Developer
Responsibilities	• Create user interface from design • Develop required functionalities • SEO
Technology in use	• Frontend: NextJS • Backend: StrapiJS

Chat App

(7/2022- 10/2022)

Client	Individual (https://github.com/taitranhuu2302/chat-app)
Descriptions	A personal project that focuses on developing core social interaction features, including real-time chat, video calling, music streaming, and friend management. The aim is to create an engaging and interactive application with seamless user experience, real-time synchronization, and robust functionality.
Number of members	1
Position	Fullstack
Responsibilities	Real-time Chat: • Build messaging with WebSocket, media sharing, and read receipts. • Synchronize messages across devices. Video Call: • Implement video calls with WebRTC, screen sharing, and call notifications. Music Listening App: • Create music streaming, playlists, and track queue management. Friend Management: • Enable friend requests, accept/reject actions, and manage friend lists.
Technology in use	- Frontend: NextJS. i18n, Tailwindcss, Redux toolkit - Backend: NestJS, SocketIO, Passport, Redis, MongoDB

Education

9/2020 - 12/2023

Phu Xuan University

Bachelor of Information Technology

- Classification: Excellent
- Average score: 3.73/4