

Harry Chen

🎓 B.E., Computer Science, [Tamkang University](#) 2017 - 2021



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Hi, I'm Harry Chen, a graduate of the Department of Computer Science and Information Engineering at Tamkang University. I currently work as a Frontend Engineer at Wits. With over 3 years of software development experience, I specialize in React, TypeScript, Next.js, Node.js, and other technologies, focusing on frontend architecture design.

I am not only familiar with frontend technologies but also have backend development experience, allowing me to quickly understand and solve problems encountered in projects. Additionally, I have team collaboration experience, having led the development of multiple websites while working closely with backend and design teams to enhance user experience.

Frontend Engineer, [Wits](#), Taiwan, New Taipei Dec 2022 - Present

Overwolf/React (TypeScript) Dec 2022 – Jul 2024

- Independently developed Overwolf app - ProClip, an application that automatically recognizes and records gaming highlights, making it easy to share on social platforms.
- Use React framework to develop the frontend architecture, integrated Overwolf SDKs, and managed state with React-Redux.
- I use Tailwind CSS framework for styling and use TypeScript standards throughout the entire architecture.
- Planned and implemented appropriate data structures for data storage and integrated APIs for social sharing functionalities.
- Since its release, ProClip has achieved 3,500 downloads, 250 daily active users, and has generated over 10,000 reaches on its fan page. Currently planned to preload onto the company's own platform.

IS Corporate Support Team/HTML, CSS, JS, React, Vue Jul 2024 – Present

- Developed and maintained a product support website to assist customers with troubleshooting, product inquiries, and service updates.
- Integrated chatbot solutions to enhance user experience, providing real-time support and automating common inquiries.
- Managed and updated a product service status website, ensuring accurate and up-to-date information for users regarding product availability and system health.

Software Engineer, [MiTAC](#), Taiwan, Taipei Jul 2020 - Dec 2022

Java/Spring MVC/JSP/MySQL

- Developed backend functionalities for a Foreign Exchange System using Java, Spring MVC, and MySQL. Additionally, I was involved in automated testing and stress testing using Apache Jmeter.
- Revamping an old system's functionalities and UI to improve efficiency.

SIDE PROJECTS

Personal Website

React/Tailwind/Typescript

Developed using the React framework, combined with Framer Motion to design animated elements, enhancing the visual appeal of the site.

COVID-19 Reporting System

Next.js /Tailwind/Typescript/MongoDB

Developed the front-end using the Next.js framework and implemented state management with React-Redux to successfully build a system that records the transport details and related information of confirmed patients. The system can track the latest status of patients in real-time and integrates the login system using Next-auth to ensure data security and user convenience.

Employee Scheduling System

Next.js /Tailwind/Typescript/MySQL

Developed the backend interface using the Next.js framework with TypeScript, enhancing code readability and maintainability. Utilized MySQL as the database to ensure efficient data management and access, implementing CRUD (Create, Read, Update, Delete) functionalities for personnel and units to meet various user needs for scheduling management.

CMS System

Next.js/Tailwind/Typescript/MongoDB

Developed a content management system with authentication using Next.js and Next-Auth. Optimized data access and caching using React Query to enhance page response speed and user experience. Handled user input and form validation with React Hook Form. Designed a modern and responsive user interface with Shadcn/UI and Tailwind CSS, incorporating various animations with Framer Motion. Managed state with Zustand, simplifying application state handling and updates.

Event Registration Website

Next.js/Tailwind/Typescript/MongoDB/Resend

Developed the official event registration website using Next.js combined with Tailwind, Framer Motion, and React Hook Form to provide a user-friendly experience. Integrated the Resend third-party service to implement email functionality.