

SKILLS

Language: JavaScript/TypeScript **Front End:** HTML, CSS, Vue.js, React.js, Next.js **Back End:** Node.js
Other: Git.

WORK EXPERIENCES

Front-End Engineer | *Enable Educational Technology Co., Ltd., Taipei, Taiwan* **Feb. 2021 - Sep. 2021**
Collaborated with back-end developers, UI/UX designers, and project managers to conceive product ideas and implement new features for the online education platform. (Users include 930,000 students)

- Implemented the game character information page and related reusable components using Vue.js with TypeScript. (Users can collect and select the online character)
- Delivered a web browser game based on the Phaser3 game framework. (similar to Candy Crush)
- Refactored the game question setting section of the codebase and fixed five minor bugs.

SIDE PROJECTS

Travel Planning Platform with Next.js and OpenAI GPT-4 (Github) **Mar. 2024**
Developed an itinerary planner using **MongoDB, React.js, Next.js, TypeScript, and NextAuth.js**.

- Drag-and-drop functionality for intuitive travel scheduling. Quickly duplicate and edit itineraries.
- Provides AI-generated travel suggestions for travel planning.

NextAuth.js MongoDB Typescript Example (Github) **Sep. 2023**
A demo project that uses **NextAuth.js** for authentication, connects to **MongoDB** with Mongoose, and supports Google OAuth and email/password login. (Videos and articles about this demo are available in Mandarin on Udemy and Medium.)

React.js Based Company Website Template (Github) **Aug. 2022**
Used **React.js, TypeScript, and Sass** to build a company website template with a shopping cart.

- Global state management with **Redux-Saga**.
- Build multiple reusable components to complete the website.
- Publishing videos and articles in Mandarin on Udemy and Medium.

React.js Based Tetris Game (Vercel, AWS) (Github) **Jun. 2022**
Implement a Tetris clone with **React.js**.

- Build features using React hooks like `useState`, `useEffect`, `useRef`, `useCallback`, and custom hooks.
- Automatic deploy App from GitHub to AWS S3 using CodeBuild.

Next.js Based Modern Ecommerce Application (Github) **May. 2022**
Developed an E-commerce website with **React.js, Next.js, and Sanity**.

- Implemented authentication in Next.js using JWT. Users can place orders and see order history.
- Users can search products by keywords, filter products by prices and categories, and sort products by prices or reviews.

MERN Social Media App (Github) **Feb. 2022**
Used **MongoDB, Express, React.js, and Node.js** to build a simple social media website.

- Authenticate users with JWT in Node.js. Users can log in to create and modify their own posts.
- Users can like others' posts, leave comments, and search posts based on title or tag.

EDUCATION

National Taiwan Normal University (NTNU), Overall GPA: 4.0/4.0, Rank: 1/30 **Sep. 2010 - Jun. 2014**
Bachelor's degree in Education