

## SKILLS

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

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## 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.

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## SIDE PROJECTS

**Travel Planning Platform with Next.js (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 **JavaScript and 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.
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## EDUCATION

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