Lian-Cheng Wang (Rex)

Hi, I'm a **front-end engineer(F2E)**. I use **Vue.js (3)** and **React.js (hooks)** for development.

Applied Job: Front-End Engineer(F2E) / Front-End Developer

Expected Workplace: Taipei City / New Taipei City in Taiwan

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Work Experience with Front-End (2022/09 ~ 2023/02)

Front-End Engineer(F2E) / Medialand - Hakuhodo Inc.

1. **Development of the official website of Toyota's Lexus owner's system(layout) for the mobile version.**

   Website Link: https://www.lexus.com.tw/owners-warranty.aspx (Please view on a **tablet** or **mobile phone.**)

2. **Collaboration with Sony Xperia extreme domain website that developed a component for automatic upload of Instagram (IG) information.**

   Website Link: https://store.sony.com.tw/xperia/tech.aspx?tech=photo (RWD)

3. **Collaboration with Hotai Motor Co., Ltd. to develop the website for subscription rental. (4 websites: official website, Lexus, Toyota and used car.) Contribute:** Layout and add side float blocks.

   Website Link: https://car-subscription.easyrent.com.tw (RWD)

4. **Revision of Toyota's Lexus website for the lunar new year about maintenance stations for time queries.**

   Website Link: https://www.lexus.com.tw/lunarnewyeartime

5. **Collaboration with Starbucks to develop a web AR campaign website.**

   Develop the first version.

   (Use MediaStreams API and take photos and screenshots for image compositing)

Open Source Project Contribution

2022/11 ~ 2023/01
TDX of the Ministry of Communications of the Republic of China (TDX's Transport API)

I proactively found a problem with **the compatibility of the API's path rule** about transferring the Web API of the Ministry of Transportation and Communications of the Republic of China (PTX to TDX). Thus, **I gave suggestions that they accept and improve the issue.** Afterward, I applied my side project and kept tracking it.

GitHub Issues Link: https://github.com/tdxmotc/SampleCode/issues/13

Side Project

Taiwan Travel

This project is a **SPA(Single Page Application)** website that applies **RWD(Responsive Web Design)**. The project includes **search page**, **dynamic page,** and **nearby recommendations**.

The target is an easy-to-use website for Taiwan travel.

Users can find **landscapes**, **foods**, **activities**, and **hotels** in Taiwan's cities.

Demo: https://star-tree.github.io/travel

GitHub Repo: https://github.com/Star-Tree/travel

Wireframe: https://reurl.cc/gMQbe7

Skills

HTML / CSS

- Experience in using the **Flexbox, Pug,** and making **simple animation**.
- Experience in using **CSS preprocessor**, **SCSS**. (used @import Integrate SCSS, used @mixin for custom templates, used @mixin, @content for custom RWD grid.)
- Experience in using **RWD (Responsive Web Design)** for developing responsive web pages.
- Experience in using **Tailwind CSS** and **Styled Components.**
- Experience in using **Mockup (Sketch, Figma, Adobe XD, Zeplin)** and designing wireframes for CSS layout.

JavaScript

- Experience in using **ES6+**.
- Experience in using **TypeScript**.
- Experience in using **AJAX** to request and respond to web APIs.
- Experience in using **Axios** to Integrate base URL to simplify calling web API.
- Experience in using **Promise** and **Await** to resolve the asynchronous problem.
- Experience in using **native form validation**.

Framework

- Experience in using **React.js (Hooks)** and **JSX**.
- Experience in using **Vue.js (3)**. (e.g. **CompositionAPI**, **Custom Directives**)
- Experience in using state management for **Vuex** and **Redux Toolkit (RTK Query)**.
- Experience in using **React-Context** for pass data.
- Experience in using **Vue-Router** and **React-Router**. (e.g. dynamic page, lazyloading)
- Experience in using **Vue-CLI** and **Create-React-App(CRA)**.

Version Control

- Experience in using **Git** to manage projects.
- Experience in using **GitHub** to deploy products on **GitHub pages**.
- Know the workflow of **Git Flow** and **GitHub Flow**.
- Experience in using **FTP** to manage files.

APIs

- Experience in using the **Google Maps API** to embed maps on the page.
- Experience in using **TDX Transport API** for tourism to develop a Taiwan travel website.
- Experience in using **JSON Placeholder API and JSON server** to test data**.**

Other Related

- Experience in developing **SPA (Single PageApplication)** and **MPA (Multiple Page Application)**.
- Experience in using **Webpack and Babel.**
- Experience in using **Post-CSS.** (e.g. Use Autoprefixer to achieve browser style compatibility.)
- Experience in using **NVM**, **NPM**, and **Yarn**.
- Know the basics of **BEM**.

Education

National ChengChi University (NCCU)
Computer Science (M.S.) 2014/09 ~ 2016/06
Thesis: Study of Social Network Analysis(SNA) For Corporate Holding Relationships in Taiwan.

Tatung University (TTU)
Computer Science (B.S.) 2007/09 ~ 2011/06
Thesis: The application uses 3D object texture for mobile phone wrapping.(Computer Graphic)