

Mars Huang

Frontend Engineer

React | Vue | TypeScript | JavaScript | Salesforce LWC | C
Tailwind CSS | RWD | D365 | Git | SEO | Google Cloud | NodeJS

Front-end developer with 3 years of experience. Proficient in JavaScript, TypeScript, React, Tailwind CSS, and Vue. RESTful and Node.js backend integration. Prioritize user experience (UX) and developer experience (DX), maintainable architecture, and documentation. SEO and site performance improvements.

EXPERIENCE

Trend Micro, Taipei — *Front-End Developer*

May 2023 - Present
July 2020 - April 2022

Online Help Center [↗](#)

- Built using React, Tailwind CSS, Material UI, Dynamics 365.
- UI to handle 400K articles and to serve 10M users across 29 languages (i18n).
- Integrated Solr Search, Azure, Microsoft Power Automate.
- Improved developer experience, built project documentation for version control to reduce communication time among developers.

BSP 2.0 (Business Success Portal) [↗](#)

- Built with Salesforce LWC (Lightning Web Component), make scalable components, reduced future maintenance time by 80%.
- Website with 4.5M users and 19M page views per year.
- Worked with remote developers.
- Proposed possible solutions for better user experience.

Tomo-Chatbot [↗](#)

- A user-interface for an AI bot built using VueJS, handled RESTful APIs.
- Build components to handle different types of response from AI bot for better maintenance.

Arcadyan, Hsinchu — *Software Engineer*

October 2019 - July 2020

- Built the user-interface service for firmware.
- Programmed for HTTP server using C.
- Git version control.

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<https://flying-musk.github.io>

Education

National Chiao Tung University, *Electrical and Computer Engineering*

Sept. 2015 - June 2019

LANGUAGES

French:

DELFL B2

TCF Canada B2

English:


IELTS 7.5

TOEIC L/R 955, TOEIC S/W
180/180

German

SIDE PROJECTS

[Personal site \(https://flying-musk.github.io/\)](https://flying-musk.github.io/)

- Crafted main layout including RWD.
- Implemented day-night, back-to-top feature.
- Integrated GA4 and added meta description for better SEO.
- Improved site performance, achieved Google search engine 1st ranking. 
- PageSpeed Insights score boosted from 83 to 100.

[DECK.GL](#)

- A simple project for deck.gl implementation.
- A map demonstrating National Parks and Bay Area Rapid Transit in the US.
- Built using deck.gl, React.js, Tailwind CSS
- Added simple search function for national parks.
- Hide railway if map zoomed out to certain ratio.

[Get Stock Info](#)

- A simple project for Chart.js implementation.
- Demonstrating current stock level of produce.
- Frontend using React.js, TypeScript, Chart.js.
- Backend using Google Cloud Functions.

[Admin Web](#)

- An admin control panel.
- Frontend using Vue 3, Tailwind CSS, Element Plus.
- Backend using Google Cloud Functions.

MISCELLANEOUS FLYING RELATED PROJECTS

[Red Or Green](#)

- A simple memory game built with Vue.js, players should distinguish the item's first appearance.
- Developed js function to generate random paths.
- Implemented game rules.

[Reverse It](#)

- Players are required to remember the sequence of blinking buttons and then click on them in reverse order.

[Short Term Memory](#)

- An application enabling users to input card values and then memorize the combinations.

[Mental Calculation](#)

- A straightforward application designed for users to practice mental calculations.