

Mars Huang

Frontend Engineer

React | Vue | TypeScript | JavaScript | Salesforce LWC | C
Tailwind CSS | 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 documentation for better version control to enhance clarification 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 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:

DELF B2

TCF Canada B2

English:


IELTS 7.5

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

Deutsch

SIDE PROJECTS

Personal site (<https://flying-musk.github.io/>)

- Crafted main layout including RWD.
- Implement day-night, back-to-top feature.
- Embed GA4 and add meta description for better SEO.
- Improve site performance to get Google search engine ranking number 1. 
- PageSpeed Insights score improvement 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
- Add simple search function for national parks.
- Hide railway if 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.
- Make js function to draw random path.
- Implement game rules.

Reverse It

- Remember the sequence of blinking buttons, then click on them in reverse order.

Short Term Memory

- An application where users can input card values and then memorize the combinations.

Mental Calculation

- A simple application for users to practice mental calculation.