Ian Chu

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SUMMARY

I am working for an AI software company. I am responsible for two teams' web scope projects. Built multiple different frontend tools include component library, tracking service, JavaScript sdk. And also involved in developing backend API with Python. Utilizing GCP for development, leading the design of client-side tracking services, including CI/CD, JavaScript SDK, GTM templates, serverless APIs, and database.

I worked as frontend developer for about 6 years. I am familiar with handle current web tool like webpack, next.js, rollup, cloud function. I also realized how to improve web performance and optimize SEO from the frontend side.

EXPERIENCE

Senior Frontend Engineer
Mobagel   **April 2021 – Present, Taipei, Taiwan**
· Led the design of client-side tracking services, tracking SDK to serve 103 QPS. Developed serverless APIs handling 13 QPS.
· Developed user interfaces for artificial intelligence platform services, handling complex interactions and visualized data.
· Established an internal component library for enhanced internal usage, increasing frontend team development efficiency.
· Optimized webpage performance and loading speed, reducing resource consumption by 33%.
· Participated in the development of backend API using fastAPI, providing CRM and advertising monitoring product data.
· Participated in and assisted with GCP maintenance tasks, ensuring the stable operation of the system.

Frontend Engineer
Feversocial   **June 2018 – August 2021, Taipei, Taiwan**
· Responsible for SaaS product development and maintaining.
· Three product editors (zines, form, promo) and admin tool development and maintaining.
· Use React.js to refurbish websites.
· Develop on (Froala Editor) wysiwyg editor and extend its feature.
· improve website performance. Google site speed (older version) scores from 19 to 64.

Frontend Engineer
SnailHouse   **December 2016 – April 2018, Taipei, Taiwan**
· Use React.js to build a mobile version interface for searching.
· Connect Google Map API, Google App Script API.
· Use local storage and cookie, session storage to handle visit history and login logs.
· Write JavaScript and support multiple browsers that include IE9.
· Build reuse component.
· Improve SEO that Google Analysis's session grow 85%.

Website Marketing
Taiwan Knowledge Bank   **October 2014 – December 2016, Taipei, Taiwan**
· Responsible for TKB e-commerce platform SEO planning and Google analytics, Google Adwords.
· Write JavaScript and CSS effects for the blog's effects and event page.
· Write content for improving SEO.
· Improve Google analytics session growing by 300%.

PROJECTS

Decanter
Mobagel · https://mobagel.com/ · August 2021 – Present
· Users can upload data, adjust desired settings to create a training model, and utilize the model for data prediction.
· Handle intricate data validation and data visualization.
· Tech: react.js, redux, socket.IO, styled-component, antd, webpack

Zines
Feversocial · https://info.feversocial.com/en · May 2018 – August 2021
· WYSIWYG editor your website and redux to deal with data flow.
· use next.js to render page and optimize page performance to improve SEO.
· Tech: react.js, redux, next.js, express, next.js, redis