Po-Jung Chen (Aaron)

Software Engineer (Frontend)

As a front-end-focused software engineer, I commit myself to developing practical, scalable, and maintainable solutions. I also enjoy finding out more about the entire software development process. With my curiosity about the web, I enjoy learning and get a sense of fulfillment when figuring something out. I always believe that technology can help people live more conveniently and pleasantly.

Work Experience

Senior Frontend Engineer · OneDegree

May 2021 - Present

- Lead the squad team in the development of websites that can handle complex insurance logic for both customers and businesses, and to ensure that all tasks are successfully and efficiently carried out.
- Migrate the UI component monorepo libraries from JavaScript to TypeScript, build up the basic configurations, and increase type-check performance.
- Structure the storybook and add the documentation feature to make components more understandable for reuse.
- Excel at cross-functional communication, which enhances API integration quality across front-end and back-end teams, as well as scrum fluency and efficiency.

Skills: Lerna · rollup.js · TypeScript · Next.js · React · Redux · React Query · Jotai

Senior Software Engineer · Jubo

June 2020 - April 2021

The main mission is to develop a new website and integrate data from the nursing information system(NIS) in North America.

- Structuring the frontend in React, TypeScript, and Material UI.
- Structuring the backend service in Golang with Restful API and gRPC for data exchange.
- Integrating API and OAuth login with nursing information system(NIS) in North America.
- Find the bottleneck of performance issues with Node.js inspector API and make the response time shorter.
- Create a documentation platform for the engineer team.

Skills: TypeScript · React · Golang · Node.js · PostgreSQL · GCP

Frontend Developer · UXTesting Inc.

May 2019 - May 2020

The main mission is to develop a media player in the dashboard and a video recorder App by Chrome extension.

- Build a video recorder in Chrome Extension to record the user's camera and screen through WebRTC.
- Implement real-time communication features by integrating a third-party live-streaming API into Chrome Extension and transcode video through FFmpeg on AWS Lambda.
- Create an open-source package, react-use-opentok, for integrating live-streaming solution more easily in React.

Skills: React · Chrome Extension · WebRTC · AWS

Instructor · ALPHACamp

Jan 2019 - Feb 2021

- Lecturer of React BootCamp.
- Write the educational contents of JavaScript, Node.js, Express, and Vue.
- Speaker of webinars to demonstrate programming.

Web Developer · Wavinfo

Feb 2017 - May 2019

- Develop ticketing platforms with Ruby on Rails.
- Implement a seating management feature in Vue.

Skills: Vue · Ruby on Rails

Open Sources

- eslint-config-pjchender: an open-source package to facilitate the ESLint setup for JavaScript and TypeScript project, implemented by Jest and CI/CD through Github action
- react-use-opentok: an open-source package of React bundled by Rollup, implemented test by Jest, and CI/CD through Travis CI.
- cn2tw4programmer: an open-source Chrome extension to translate Computer Science terms from zh-CN to zh-TW.
- pjchender-dark theme: a dark theme for markdown editor Typora.
- Taiwan Real-Time Weather: a simple React App to show real-time weather data in the country of Taiwan.

Credits

- [publication] Learn React from Hooks: a published book tutoring how to use React Hooks and wins the top seller badge. (2020-09)
- [community] PJCHENder Web Tips: a Facebook Page sharing what I learn in Web Developer with 10k+ followers.
- [speech] Let's become a magician of TypeScript. @ MOPCON (2021-10)
- [speech] Using the wrong asynchronous way of JS would also block the server. @ JSDC (2020-10)
- [speech] What to do in the next step after changing the career? @ ALPHACamp (2020-12)
- [honor] Quality award of 11th iThelp ironman contest. @ iThome (2019)
- [honor] Best content writer. @ ALPHACamp (2019)

Education

National Taiwan University **Master's degree, Clinical Psychology**	2011 - 2015
National Taiwan University **Bachelor's degree, Psychology**	2007 - 2011