

Tse Lin

Web developer

Currently living in Taipei, Taiwan.

Info

0529bill@gmail.com
https://github.com/0529bill

Education

Soochow University,
Taipei, Taiwan.

Bachelor of arts:
English major. (2017/7
~ 2021/6)

Other courses that I
studied: Calculus,
Algebra, Introduction
to Database,
Introduction to Big
data.

Honors

Ning Po Association of
Taiwan Scholarship
(2018, 2019, 2020,
2021)

Career Objective

A self-motivated and hard-working individual with knowledge and proficiency in JavaScript, HTML, CSS, React, and mobile responsive website development. Seeking to apply my problem solving ability and web development skills to the front-end developer position at your company. Possessing good communication skills and strong work ethic that will aid your company in meeting its milestone.

Skills

Web development

- * Typescript
- * javascript
- * Html/css
- * Git
- * React, Redux
- * vite
- * Website optimization
- * Next.js(learning)
- * express(learning)
- * MongoDB, mongoose(learning)

Language

- * Chinese (Native)
- * English (TOEIC 930)

Other interests

- * bouldering
- * surfing
- * photography
- * drawing

Work Experiences

Frontend Developer at MusicBravo (2022/3 ~ present)

1. Optimization

Using chrome lighthouse to analyze the front page, then based on the stats, I decided to

- add route-based code splitting and React suspense to the codebase
- add rollup-bundle-analyzer to visualize bundle size
- using rollup's manualChunks option to split vendors based on file size and individual dependencies purpose
- change image format from jpg to webp to reduce file size
- reduce rerender using useCallback, useMemo and React.memo

result: Improve company's "publishing app"s lighthouse score by 10 percent and both FCP and LCP score improved dramatically.

2. build new pages and features using typescript, react-query, styled-components, etc.

- build a frontend validation tool for form validation. I also published it in NPM and wrote an article about it.
https://medium.com/@bywater529/驗證不求人-發佈自己的-npm-驗證套件-e3aa7ba1cfb5
https://www.npmjs.com/package/react-client-validation

- build the company's new front page.
https://www.musicbravo.net/Home
- adding new features to the company's "publishing app".

3. Refactor the codebase

- refactor contract page (CRUD)
- refactor the "apply for withdrawal" page
- refactor the "contract renewal" page

4. codebase improvement

- class component to functional component
- bootstrap to ant design
- adding Typescript to the project

English teacher at Funday (2021/8 ~ 2021/10)

- * Designed and implemented an engaging curriculum for students.
- * Learned to be a team player and resolve problems professionally.

Dipp Frontend Developer Intern (2020/12 ~ 2021/4)

- * maintain and improve Dipp's application.

Intern at The Red House (2016/7 ~ 2016/8)

- * Organizing weekly bazaar.
- * Coming up with new ideas for promotions, giveaways, and other projects that can give the bazaar a publicity and marketing boost.

Side Projects

Project name: React-client-validation



This is a form validation tool

Project Features

- * lightweight and very easy to use

Tools used:

- * Typescript

Project name: React-client-validation



This is a url shortener.

Project Features

- * shorten any URL
- * provides URL's qr-code
- * provides URL's analytic data including url click count

Tools used:

- * Typescript
- * React context-api, useReducer
- * Vite
- * node.js + express.js
- * google oauth
- * mongoDB + mongoose

Project name: instChat



This is a realtime chatroom.

Project Features

- * realtime chatroom

- * websocket

Tools used:

- * socket.io
- * express

Project name: Countable



An app that helps you track your past relationships

Project Features

- * CRUD operation
- * oauth authentication

Tools used:

- * react
- * redux
- * react hooks
- * react-router
- * redux-thunk
- * bootstrap

Project name: B&P



A skateboarding website with shopping cart, sign in, sign up features.

Project Features

- * shopping cart
- * signIn/signUp
- * tinyJPG

Tools used:

- * shopping cart
- * context-api
- * react-router

Project name: 3D visacard



This is a 3D visa card apps.

Project Features

- * downloadable image

Tools used:

- * Typescript
- * form validation
- * 3D effect
- * useReducer
- * Eslint

Project name: Flourish



A lightbulb website with sign in, sign up feature.

Project Features

- * signIn/signUp
- * private router
- * functional component

Tools used:

- * firebase_authentication
- * context-api
- * bootstrap

Project name: My portfolio



This is my portfolio.

Project Features

- * i18n
- * google analytics
- * downloadable resume

Tools used:

- * jest test
- * useReducer

Blog

Tech note

https://0529bill.github.io/bywater-blog/

Medium Tech blog

https://medium.com/@bywater529

Volunteering

Office of international & cross-strait Academic exchange, Soochow University.

International students volunteer (2017/7 ~ 2021)

- * Helping international students to adjust to a new environment.
- * Organizing Soochow university's 2019 international cultural week. Me and my team prepared a full week of activities related to chinese culture, including traditional Chinese games and foods, for international students to help them accustomed to Chinese culture.