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 Experences

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 bazzar.
* Coming up with new ideas for promotions, giveaways, and
  other projects that can give the bazzar 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 shoopping 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.