

Alex Yeh

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WORK EXPERIENCE

FRONTEND DEVELOPER | ACCUENERGY

Toronto, ON | Aug 2021 – Jun 2022

- Designed and implemented an interactive web interface using Vue3 for managing power meter. Supports admin and view only mode.
- Supports interactive real-time setting options for the meter for easy setting adjustments.
- Create efficient algorithms to process data from a custom REST API to visualize data in both table and graph format, increasing efficiency to understand power usage within user's desired time frame.
- Allows users to monitor power usage in real time.
- Maintained and updated web interface for previous and alternative power meters in Vue2 and React.

PROJECTS

NETFLIX CLONE

REACT / NEXT.JS / TAILWINDCSS / MONGODB

- A Netflix clone app.
- Supports sign up, sign in, utilizing mongoDB as storage.
- Supports playing and previewing video with popup modal.

RECIPE BOOK

ANGULAR / FIREBASE

- Allows users to create, modify, and view ingredients of recipes. Add ingredients to shopping list for easy tracking.
- Application built to explore the angular platform. Utilizes directives, injection, forms, routing.

VIDEO STREAMING CLIENT

REACT / NODE JS

- Frontend implemented using react, redux, redux-thunk, redux-form, and react-routing.
- Backend using node JSON Server, following full REST API convention. HTTP-FLV to display video player on app.

SKILLS

Languages: Javascript/Typescript · HTML/CSS · Python · SQL

Frameworks/tools: Vue · React · Node.js · Next.JS · Tailwind CSS

Technology: Git · MongoDB · MySQL · Docker

EDUCATION

University of Toronto

HONOURS BACHELOR OF SCIENCE