

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 meters. Supported admin and view-only modes.
- Developed interactive real-time setting options for meters, facilitating easy adjustments.
- Created efficient algorithms to process data from a custom REST API to visualize data in table and graph formats, increasing efficiency in understanding power usage within the user's desired timeframe.
- Enabled real-time power usage monitoring for users.
- Maintained and updated web interfaces for previous and alternative power meters using Vue2 and React.

PROJECTS

NETFLIX CLONE

REACT / NEXT.JS / TAILWINDCSS / MONGODB

- A Netflix clone app.
- Implemented user authentication features such as sign-up and sign-in, utilizing MongoDB for storage.
- Enabled video playback and previewing with a popup modal.

RECIPE BOOK

ANGULAR / FIREBASE

- Developed an application allowing users to create, modify, and view recipes, and add ingredients to a shopping list for easy tracking.
- Built to explore the Angular platform, utilizing directives, dependency injection, forms, and routing.

VIDEO STREAMING CLIENT

REACT / NODE JS

- Implemented the frontend using React, Redux, Redux-thunk, Redux-form, and React-router.
- Developed the backend using Node JSON Server, following full REST API conventions. Used HTTP-FLV to display the video player on the 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