Raymond Mak

Front-End Developer

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Innovative developer with a passion for problem solving and design. Specializes in front-end development with React, Typescript and Tailwind CSS, but has experience building full-stack apps with Next.JS, Node, and PostgreSQL.

Education

B.S. in Computer Science   Anticipated: May 2025
Western Governors University, Salt Lake City, UT

Projects

GenPT Chef   **</> Live Demo**

- Developed a full-stack recipe generator using NextJS and Typescript to generate recipes based on input ingredients.
- Create intuitive UI with React and Tailwind CSS to quickly add/remove ingredients and select creativity level of recipes.
- Implemented server-side handling for OpenAI API prompts to generate recipes.
- Integrated Prisma and Neon database to allow users to save and share recipes with the community.

Sportfolio   **</> Live Demo**

- Designed and developed front-end user interface with React and Tailwind CSS for a dynamic and responsive user experience.
- Created server side logic with Node and Express to evaluate bets and compute advanced statistics.
- Integrated MongoDB to store and manage user picks and data.
- Implemented JSON Web Tokens (JWT) for authorization and authentication, allowing role based access within the app for admins and users.

Appointment Software   **</> Live Demo**

- Developed a full-stack scheduling software using React, Next.js, and PostgreSQL to facilitate appointment booking and management.
- Created and optimized a PostgreSQL database to store users, appointments, and services.
- Added admin capabilities to manage services, including creating, editing, and assigning durations to appointments.
- Implemented calendar and time-related functionality using libraries like date-fns and react-calendar.
- Designed an intuitive UI with Tailwind CSS, integrating features like availability selection and a dashboard for users and admins.

Skills

Languages: JavaScript, TypeScript
Web Technologies and Frameworks: HTML, CSS, ReactJS, NextJS, Tailwind CSS, Redux, NodeJS
Databases: MongoDB, PostgreSQL