Raymond Mak

Front-End Developer - Full-Stack Developer

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Innovative, self-taught 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, Express and Node. Recognized for leadership abilities and achieving operational goals.

Professional Experience

InVanity   Jun 2018 - Mar 2023

- Designed and developed front-end user interface with React and Tailwind CSS for a dynamic and responsive user experience.
- Increased sales by $2.2m through the successful implementation of a new product line and effective local and digital marketing strategies.

Projects

GenPT Chef   **</> Live Demo**

- Developed a full-stack recipe generator using Next.JS 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.
- Ensured secure and streamlined user access with Clerk.

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.

Translatable   **</> Live Demo**

- Designed a translation web app using React that transcribes speech and translates to desired language.
- Integrated Web Speech API for transcription, reducing costs by 100%.
- Implemented server side logic with Express to handle OpenAI translations.
- Created searchable dropdown menus using JavaScript and CSS to quickly find target language.

Education

University of California, Santa Barbara   Jul 2012 - Jul 2016
Bachelor of Mathematics and Economics