

KENNY NGO

SOFTWARE ENGINEER

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TECHNICAL SKILLS

React.js, React Native, Expo, Redux, Ruby on Rails, Mongoose, MongoDB, Express.js, Next.JS, TailWindCSS, SQL, SQLite3, PostgreSQL, TypeScript, AWS, Cloud, JavaScript, Supabase, C#, C++, Python, Swift, HTML, CSS

WORK EXPERIENCE

Freelance Software Engineer, San Francisco

Jul 2023 – Present

- Collaborate with small businesses to build custom full stack web applications (Next.JS, Tailwind, PostgreSQL) designed in Figma tailored to client specifications
- Leverage Next.JS server side rendering on front-end and S3 object storage for assets decreasing render time
- Conduct unit and E2E tests through Cypress verifying performance before deployment to production on Vercel

Software Engineer Intern, BottleUp (stealth startup), Remote

Oct 2023 – Jan 2024

- Built out frontend mobile (iOS, Android) user interface (UI) using React Native, Expo and TypeScript as part of end of year product release
- Developed backend using Supabase to facilitate faster and more efficient user queries by 10%
- Collaborated with team of 3 software engineers on CI/CD pipeline using Agile and Git workflow

PROJECTS

Unumcornu (React, Next.JS, TailwindCSS, Vercel)

[Live](#) | [Github Repo](#)

Portfolio site commissioned for ceramics artist based in San Francisco

- Implemented server-side rendering for components leading to 13% faster loading compared to client-side
- Utilized Tailwind CSS for responsive design across all screen sizes and mobile
- AWS S3 for faster responsive image rendering while lowering bundle size by 40%

RendezView (React, Redux, Express, MongoDB, Node.js)

[Live](#) | [Github Repo](#)

Event-scheduling web application where users can quickly set up events and send out links to gauge availability

- Managed team of four software developers, implementing Git for version and release control, documenting technical changes to client while providing historical record for posterity
- Integrated MongoDB database aggregation pipeline to consolidate individual schedule data on back-end, resulting in real-time collation of group schedule availability of up to 20 different user accounts while optimizing to be scalable
- Implemented OpenAI API to enable users to generate and retrieve potential event ideas based on user-defined input parameters

Fakebook (Ruby on Rails, React, Redux, Javascript)

[Live](#) | [Github Repo](#)

Full-stack social media site inspired by Facebook with full user account authentication

- Leveraged Amazon Web Service's S3 cloud object storage to enhance web page performance and scalability by seamlessly hosting, uploading, and retrieving over 100 seeded image files from a database of 80 users

EDUCATION and CERTIFICATIONS

AWS Cloud Practitioner

Amazon Web Services - 2024

Doctorate of Pharmacy

University of the Pacific - 2020

Bachelor of Arts in Applied Sciences

University of the Pacific - 2017