

NEAL UEHARA

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EXPERIENCE

Tramona – Software Engineer

March 2024 – Current

- Streamlined the homepage to enhance user guidance and experience in a fast-paced startup environment.
- Employed the T3 tech stack (Next.js, tRPC, Drizzle, Postgres, React Query) for high performance, seamless integration, and scalable infrastructure.
- Led billing implementation with Stripe, managing secure payments and overseeing database scalability.
- Implemented and maintained our travel insurance API to integrate coverage options into trip bookings.
- Enhanced accessibility and SEO using Next.js, and delivered a modern interface with Storybook.js and Shadcn UI.
- Collaborated with UX designers and cross-functional teams on product development, shaping key features and roadmap decisions. Ensured reliability with Jest unit testing and accelerated workflows with AI-powered Bolt/VO

Street Sound Society– Full-Stack Intern

June 2023– September 2023

- Contributed to the remote Raspberry Pi server configuration. (Python)
- Developed user passcode outputs, with Employed React and Express.js ensuring seamless integration between frontend and backend systems for enhanced user experience
- Gained hands-on experience with Amazon DynamoDB, integrating and managing the database for seamless data interactions within the application.

TECHNICAL SKILLS

- Languages:** TypeScript, Javascript, C#, Python
- Frameworks/Libraries:** Next.js, tRPC, React, Tailwind, Express.js, ASP.NET, Flask
- Databases:** Postgres, MongoDB, Supabase | ORMs: Drizzle, Prisma, Mongoose
- Tools/Platforms:** AWS, Vercel, Heroku, GitHub, Miro, Figma, Jest, AI prompting

TECHNICAL PROJECTS

Connektr (Full-Stack Passion Project)

- Developed a scalable bidding platform with Next.js 14, NextAuth, and Zustand for seamless job posting, real-time bidding, and secure authentication.
- Integrated OpenAI API for user assistance and form autofill, Supabase for real-time messaging, and React Email for transactional emails.
- Used Stripe API for secure payments and Postgres for scalable data management.
- Enhanced performance and reliability with Jest testing, TypeScript for type safety, and a focus on user experience (UX) and responsive design.

Shazamify – Spotify Clone

- A React-based Spotify clone with a fully functional play bar.
- Utilized Shazam Core API for song data and GeoApify API for location-based top local songs.
- Implemented a search bar for finding favorite songs or artists, with Redux for global state management.

See more of my open-source projects on GitHub : <https://github.com/ueharaneal>

CERTIFICATIONS

AWS Cloud Practitioner Certification

July 2023

EDUCATION

- B.S. Software Engineering
Western Governors University

May 2024