

# NEAL UEHARA



<https://www.nealuehara.com>



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<https://github.com/ueharaneal>

## EXPERIENCE

### Tramona – Software Engineer

February 2024 – February 2025

- Oversaw the design, implementation, and maintenance of core code infrastructure, ensuring scalability, performance, and reliability, while leading a team in developing product features.
- Streamlined the homepage to enhance user navigation and experience in a fast-paced startup environment.
- Employed the T3 tech stack (Next.js, tRPC, Drizzle, Postgres, React Query) for speed, high performance, seamless integration
- 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.
- Collaborated with UX designers and cross-functional teams on product development, shaping key features and roadmap decisions

### Street Sound Society– Full-Stack Intern

June 2023– September 2023

- Contributed to the remote Raspberry Pi server (Python) to interact with our exposed API
- Developed user passcode outputs, Employed React and Express.js, ensuring seamless integration between frontend and backend systems for enhanced user experience
- Gained hands-on experience with AWS DynamoDB and S3

## TECHNICAL SKILLS

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

## TECHNICAL PROJECTS

### Connektr (Full-Stack Passion Project) – (In progress)

- 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 (Vercel AI SDK) 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