


David Williams-Haven

Web Developer

 <https://t3-portfolio-a.vercel.app>
 david.williams.haven@gmail.com
 657.666.1696
 Los Alamitos, CA

Experience

Data Manager (August 2017 – Present)

California Locating Services

- Implemented initiatives to enhance operational efficiency, safety protocols, and compliance.
- Optimized App Sheets app for managing job workflows and safety forms, boosting productivity.
- Developed a streamlined purchase order system for efficient material and equipment acquisition.
- Co-led a team in creating hazard analysis forms and integrated in-app inspection checklists, promoting a robust safety culture.
- Managed safety documentation for 50 employees, including Safety Data Sheets, vehicle hazard analyses, jobsite hazard analyses, and toolbox meeting forms.
- Facilitated public relations and managed bid proposal deliveries between the city clerk's office and the company.

Projects

BeetHive: A Feature-Rich Music Streaming App

Inspired by Spotify, BeetHive offers users a vast library of music, podcasts, and other audio content. To cater to diverse preferences, the app utilizes a freemium model with seamless subscription management powered by Stripe integration.

Key Features:

- **User Accounts and Profiles:** Users can create personalized accounts to save favorite songs and curate playlists for an enhanced listening experience.
- **Intuitive Music Player:** A robust music player with playback controls was integrated, granting users full control over their listening experience.
- **Streamlined Favoriting:** Users can now easily save their favorite songs for quick access and future enjoyment with the implemented favoriting functionality.
- **Seamless Subscription Management:** Stripe integration facilitates a smooth subscription process, allowing users to upgrade to the premium tier for an ad-free and feature-rich experience.

WebForge: An AI-powered Development Assistant

WebForge is an AI-powered Software-as-a-Service (SaaS) application I designed specifically for coders. It leverages cutting-edge AI models to streamline the development process.

- **Code Generation and Conversation:** Genius utilizes GPT-LLM, allowing coders to have natural language conversations and generate code snippets, boosting their productivity.
- **Creative Asset Generation:** I integrated Dalle for image generation, Riffusion for music creation, and Anotherjesse for short video production, empowering developers to craft unique multimedia assets directly within the platform.
- **Secure user experience:** I implemented Authjs for robust authentication functionalities.

Professional Summary

I'm a motivated web developer with a strong foundation in computer science. I have hands-on experience building web applications using Node.js and Python web servers. I'm eager to leverage my full-stack development skills and contribute to innovative projects that utilize the latest technologies.

Education

California State University, Fullerton

B.S. Computer Science, Minor in Japanese (2017 – 2019)

Skills & Software

Frontend Development

- JavaScript / TypeScript
- React / Next.js / Three.js / React-Three-Fiber
- HTML / CSS / Tailwind CSS
- Spline / Figma / Blender
- Redux / Context API / Zustand

Backend Development

- Node.js / Python
- Express / Flask / Django / Django Rest Framework
- Prisma / Drizzle / SQL
- REST APIs / GraphQL / TRPC
- Auth.js / OAuth2

DevOps

- AWS / Azure / Google Cloud
- EC2 / S3 Buckets / Lightsail / API Gateway / Lambda
- Docker
- GitHub Actions / GitLab CI
- Jest / Cypress
- AWS SDK