David Williams-Haven

Web Developer

🌐 [Portfolio](#)
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California Locating Services – Data Manager (August 2013 – Present)
Leveraged data management skills to streamline operations and enhance safety protocols. Here are some key accomplishments:

- **Increased Efficiency:** Optimized the App Sheets app to effectively manage job workflows and safety forms, improving overall productivity.
- **Enhanced Procurement:** Established a streamlined purchase order system for efficient acquisition of materials and equipment.
- **Improved Safety Culture:** Championed safety by co–leading a two–man team that developed hazard analysis forms and integrated an in–app inspection checklist.
- **Ensured Compliance:** Oversaw the completion and tracking of crucial safety documentation, including Safety Data Sheets, vehicle hazard analyses, jobsite hazard analyses, and toolbox meeting forms, for a team of 50 employees.
- **Expanded Responsibilities:** Successfully facilitated public relations and managed the delivery of bid proposals between the city clerk's office and the company.
- **Enhanced Team Safety:** Delivered railroad safety training to employees, fostering a culture of awareness and risk mitigation.

Projects

🎶 D Music: A Feature-Rich Music Streaming App

D Music is a music streaming app, inspired by Spotify. It allows users to listen to a vast library of music, podcasts, and other audio content. To cater to different user preferences, I implemented a freemium model with Stripe integration for seamless subscription management.
Key Features Implemented:

- **User Accounts and Profiles**: Users can create personalized accounts to save favorite songs and curate playlists for an enhanced listening experience.
- **Music Player:** I integrated a robust music player with playback controls, allowing users to control their listening experience.
- **Favoriting Songs:** A functionality that enables users to save their favorite songs for easy access and future listening.
- **Stripe Subscription Service**: I implemented Stripe to facilitate a smooth subscription process, allowing users to upgrade to the premium tier for an ad-free and feature-rich experience.

🧠 Genius: An AI-powered Development Assistant

Genius 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.

Hello!

I'm a motivated junior web developer with a strong foundation in web development. 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.

Skills & Software

Node	Pandas
TypeScript	Tensorflow
React	Rest APIs
Nextjs	AUTH
Prisma	SQL
Threejs	AWS
React-three-fiber	S3 Buckets
HTML	M2
CSS	Lightsail
Tailwind	API-Gateway
TRPC	Docker
Python	Spline
Django	Figma
DjangoRestFramework	Blender

Education

California State University, Fullerton, CA
B.S. Computer Science
Minor Japanese