David Williams-Haven

Web Developer

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Experience

Data Entry(August 2017 – Present)

California Locating Services

- Implemented automation with AppSheets to enhance operational efficiency by 20%, ensuring compliance, and reducing menial tasks for management..
- Optimized AppSheets for managing job workflows and safety forms, boosting productivity by 15% by reducing data entry, simplifying scheduling, and documenting.
- Developed a streamlined purchase order system, allowing managers to independently purchase materials for crews on the job, increasing autonomy and reducing acquisition time by 25%.
- Integrated hazard analysis forms with in-app checklists, improving safety by 30%. This ensured foremen consistently held toolbox meetings, audited their equipment and jobsite, and turned in documentation on time.
- Managed and organized safety documentation for 50 employees, ensuring 100% compliance with safety standards by keeping track of crew paperwork completion and current training.

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:** Implemented personalized user accounts and profiles, enabling users to save favorite songs and curate playlists for an enhanced listening experience.
- **Intuitive Music Player:** Integrated a robust music player with advanced playback controls, granting users full control over their listening experience.
- **Streamlined Favoriting**: Developed favoriting functionality, allowing users to save songs for quick access and future enjoyment.
- **Seamless Subscription Management:** Implemented Stripe integration for seamless subscription management, enabling 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:** Integrated GPT-LLM for natural language conversations and code generation, boosting coder productivity.
- **Creative Asset Generation:** 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:** Implemented Authjs for robust authentication, ensuring a secure user experience.

Professional Summary

Motivated Web Developer with over a year of hands-on experience in full-stack development and a strong foundation in computer science. In my current role, I've successfully built and optimized web applications, significantly enhancing operational efficiency. Proficient in both frontend technologies (JavaScript, React, CSS) and backend development (Node.js, Python). Adept at leveraging modern frameworks and tools to deliver robust and scalable solutions. Eager to transition from data entry to a professional developer role, where I can apply my diverse skill set to contribute to innovative projects and drive technological advancements.

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
- HTML / CSS / Tailwind CSS
- Figma / Blender
- Redux / Zustand

Backend Development

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

DevOps

- AWS / Azure / Google Cloud
- Docker
- GitHub Actions / GitLab CI