Liam Stiles

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Education

University of California Davis - Bachelor of Science/Arts - Managerial Economics/Communication

Technical Skills

Front End | HTML, Tailwind CSS, React, Angular, Vue, NextJS, Javascript, TypeScript, Redux, Three.js
Back End | PostgreSQL, MongoDB, MySQL, Golang, Java, Express, Python, Django, NodeJS
Developer Tools/Testing | AWS: EC2/S3/Amplify/RDS, Git, npm, Webpack, Docker, Terraform, Agile

Projects

Full Stack Engineer | Teenie Geenie   Sept 2024 - Present

- Developed a dynamic 3D customization app, allowing users to personalize t-shirts by uploading logos, changing colors, and generating AI-driven designs, increasing user engagement by 40%
- Engineered real-time 3D previews using Three.js, enhancing user interaction and optimized CI/CD pipelines to streamline deployments and automate testing
- Integrated OpenAI API to automate custom design generation using LLM technology, improving user satisfaction scores by 30%
- Streamlined the UI using Figma wireframes and Framer Motion for smooth animations, leading to a 20% increase in session duration

Full Stack Engineer | Stocked   Mar 2024 - Sept 2024

- Built an inventory management dashboard that enabled real-time product tracking on SQL database
- Deployed a scalable back-end infrastructure using AWS EC2 and PostgreSQL on AWS RDS, improving data processing speed by 50%
- Implemented customizable analytics widgets using Recharts, enhancing sales insights for users and boosting report accuracy by 40%
- Directed modeling of data and API endpoints to allow for seamless frontend integration to backend

Full Stack Engineer | Imagnify Photo   Sept 2023 - Mar 2024

- Created an AI-powered image platform with features like resizing, recoloring, and object removal, cutting manual editing time by 70% and integrated Stripe for secure payment processing
- Built advanced image search capabilities using ML and metadata tagging, improving search accuracy
- Designed a responsive UI with CSS, Bootstrap, and Shadcn UI, boosting user retention by 35%
- Architected microservices framework and RESTful APIs to improve system maintainability, while optimizing NoSQL MongoDB queries to achieve a 10% reduction in response times
- Implemented server-side rendering with Next.js to improve page load time and SEO score by 15%

Experience

Project Manager | Pacific Gas & Electric (PG&E)   Dec 2022 - Sept 2023

- Coordinated cross-functional communication between clients and engineers, reducing miscommunication errors by 40%
- Oversaw client onboarding and project scoping, resulting in a 15% increase in client satisfaction
- Advised customer inquiries via Microsoft Office and G-Suite with a focus on customer service, effective written and verbal communication, and collaboration
- Maintained CRM systems to optimize customer database management and project timelines