Liam Stiles

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Education

University of California Davis - Bachelor of Science

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

Experience

Full Stack Engineer Intern | Ama Earth Group   **Mar 2025 - Present**

- Designed and developed responsive full-stack web applications using React, Flask, and PostgreSQL, improving system scalability and performance
- Built and optimized RESTful APIs to support dynamic frontend interactions, enhancing data retrieval efficiency by 30%
- Implemented state management (Redux) and optimized database architectures (NoSQL, SQL) to enable real-time visualization of environmental data in interactive dashboards
- Engineered server-side rendering (SSR) with Next.js to improve SEO and page load speed, boosting visibility by 15%
- Collaborated with agile teams to iterate on product development, integrating feedback to refine UX

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

- Coordinated cross-functional communication between clients and engineers
- 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

Projects

Full Stack Engineer | Teenie Geenie   **Sept 2024 - Mar 2025**

- 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 ML/LLM technology
- Streamlined the UI/UX 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 to enhance sales insights for users
- Directed modeling of data and API endpoints to allow for seamless frontend integration to backend following computer science fundamentals