

Leo Liang

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Professional Summary

Results-driven software engineer with a focus on frontend and full stack development using **React**, **Next.js**, and **Redux**. Proven success in delivering mobile-optimized, scalable web applications and integrating AI solutions, including **ChatGPT**, to enhance user experience. Skilled in building responsive, high-performance applications and managing cloud deployments on **AWS**, **Heroku**, and **Cloudflare**. Experienced in fast-paced startup environments, with a passion for creating innovative, user-centered solutions that scale efficiently.

Education

2023	Cornell University , M.Eng. in Computer Science (GPA: 3.82)
2021	Cornell University , B.S. in Information Science (Minors in Computer Science & Game Design)

Work Experience

<i>Nov 2024 to Present</i>	Software Engineer @ Sigma Computing <ul style="list-style-type: none">Contributed to front-end development using React as part of the App Writeback team.Addressed and resolved internal and external feedback relayed by support engineers.Resolved Jira tickets and implemented bug fixes to improve application functionality.Developed projects aligned with company initiatives to enhance platform readiness for data-driven applications.
<i>Jun 2023 to Nov 2024</i>	Software Engineer @ Circolo <ul style="list-style-type: none">Led web development using Next.js, React, and Redux for dynamic, scalable web applications.Delivered 3+ mobile-optimized progressive web apps with offline capabilities.Managed cloud deployments on AWS, Heroku, and Cloudflare for scalable performance.Integrated AI solutions leveraging the ChatGPT API through few-shot prompt engineering.Conducted usability and A/B testing, driving a 28% increase in client satisfaction.Developed and maintained REST APIs with TypeScript for high-performance backend services.

Projects

<i>Dec 2024 to Present</i>	Feature Engineer, Single/Multi-Select Columns @ Sigma Computing <ul style="list-style-type: none">Enhanced single-select and multi-select column functionality in input tables to meet high customer demand.Enabled diverse data app scenarios by integrating with App Logic (Actions) features.
<i>Aug 2024 to Nov 2024</i>	Project Lead, Aang Avatar Assistant @ Circolo (<i>demo available at avatar.circolo.us/go</i>) <ul style="list-style-type: none">Lead a new company initiative for next-gen virtual assistants by integrating HeyGen and ChatGPT to create a highly customizable, adaptive, and scalable solution.Tailored the project to both web and embedded platforms for versatile usage.Focused on delivering a user-centric experience with advanced conversational capabilities, preparing for future applications in customer service and enterprise use.Actively collaborated with clients to refine and optimize for real-world application.
<i>Jul 2023 to Nov 2024</i>	Project Lead, Remy Hospitality Platform @ Circolo <ul style="list-style-type: none">Led the development and design of an interactive menu and promotional display system for the hospitality industry, driving a 150% increase in client acquisition.Architected a responsive frontend management system using React and Next.js, ensuring seamless usability and scalability across devices.Designed AI-driven tools utilizing computer vision to automate the digitization of physical menus, reducing processing time by 80% and streamlining operations for clients.Oversaw integration with in-house hardware, ensuring seamless experience.

Technical Skills

Frontend: Next.js, React, Redux, TypeScript

Backend: TypeScript, Express, SQL, Python, Java, Go

DevOps & Platforms: AWS, Heroku, Cloudflare, Sentry, Shopify, Bash, GitHub Actions, Git, Linux