

Matthew Austin

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SUMMARY

Hands-on software engineering leader with 10 years of experience building scalable consumer web and mobile products, including engineering leadership for Apple TV+ and high-growth financial applications. Deep experience with React, React Native, TypeScript, Node.js, and cross-functional delivery, with a track record of scaling teams, mentoring engineers, and shipping reliable customer experiences.

EXPERIENCE

Full-Stack Software Engineer, Hiro Financial Inc.

April 2024 - April 2026

- Built a consumer financial application from inception to approximately 3,000 beta users using React, React Native, Python, and Django.
- Owned full-stack architecture and feature delivery across client applications, APIs, data models, and production infrastructure in a 10-person startup.
- Shipped AI-assisted financial guidance and built an evaluation system for A/B comparisons and regression detection.
- Introduced AI-powered engineering workflows across a four-person team to accelerate implementation and improve development quality.

Senior Software Engineer / Technical Lead, Hello Digit (acquired by Oportun)

February 2021 - April 2024

- Served as hands-on technical lead for a 4–6 engineer onboarding team, owning architecture and delivery across React Native, Node.js, and Go services for a consumer financial application.
- Led registration and retention initiatives from technical design through production, using A/B tests to inform product decisions while delivering reliable releases with zero production incidents.
- Identified and resolved a critical financial discrepancy involving residual balances across closed user accounts, recovering tens of thousands of dollars and mitigating compliance risk.
- Mentored engineers through design reviews, code reviews, technical planning, and production troubleshooting.

Senior Software Engineer / Engineering Lead, Media & Entertainment, Apple Inc.

October 2018 - February 2021

- Led frontend, backend, and infrastructure engineering for internal platforms supporting Apple TV+ and Beats, built with Vue.js, Node.js, and PostgreSQL, while scaling the organization from 2 to 35 engineers.
- Owned technical strategy, roadmap planning, architecture, and execution across more than five systems supporting media operations and content workflows.
- Partnered with Product, Design, and Operations to translate complex media-production and content-workflow requirements into scalable technical solutions.
- Established engineering practices and mentored technical leaders while remaining involved in architecture, design reviews, and critical implementation decisions.
- Managed team budget, headcount planning, and long-term technical strategy.

Software Engineering Lead, Conversational Engineering, Apple Inc.

August 2016 - October 2018

- Founded and led a new team to build a multi-channel customer messaging platform (WeChat, Apple Business Chat, web).
- Architected and developed scalable chatbot and messaging infrastructure supporting millions of customer interactions.
- Inventor of patented conversational platform (US Patent #10733982).

SKILLS

Frontend/Web: JavaScript, TypeScript, React, React Native, Vue.js, HTML, CSS, Tailwind, responsive UI

Testing/Infrastructure: Jest, Webpack, Playwright, AWS, Docker, CI/CD, HTTP/CDN caching

Backend: Node.js, Python, Go, MongoDB, PostgreSQL

AI Development: Prompt Engineering, LLM Evaluation, Tool Use Design, Claude/OpenAI APIs, AI-assisted development workflows

EDUCATION

B.S. Software Engineering, Cal Poly San Luis Obispo

June 2016