

Lois T.

Senior Product Engineer

Austin, TX, United States | [LinkedIn](#) | [GitHub](#)

Senior product engineer and technical lead specializing in performance-critical UX. Led 0 to 1 and scale initiatives across video, consumer, and fintech products.

EXPERIENCE

Senior Product Engineer

Jun 2024 — Present

Capsule

Remote

Drove product discovery to identify customer pain points and led implementation of video transcription virtualization, expanding supported project duration by 200%. Led development of branded AI Actors video generation by integrating Google Veo3, enabling users to generate consistent AI avatars and locations. Steered core product through v1 launch and partnered with GTM and Customer Success to identify technical opportunities that reduced churn.

Senior Frontend Product Engineer

Jun 2022 — Feb 2024

Hoken

Remote

Founding engineer who architected and shipped the gohoken frontend from zero to MVP, achieving 90th-percentile web vitals and 215 guest check-ins in the first year. Owned growth initiatives including event search that drove a 42% increase in engagement and 4.3% conversion lift. Designed and implemented CI/CD pipeline with GitHub Actions enabling 110 production deployments.

Senior Engineering Lead

Oct 2021 — Apr 2022

Showtime.xyz

Remote

Built and led the initial engineering team, overseeing hiring, onboarding, and technical direction. Led launch of NFT marketplace across iOS and Android. Implemented ERC2771 meta-transactions to enable gas-less minting for creators. Designed a universal design system for web, iOS, and Android to accelerate feature delivery and unify the cross-platform experience.

Senior Frontend Engineering

Sep 2019 — Oct 2021

American Express

Remote

Created and managed the 2020 loyalty intern program, mentoring all participants to full-time placements. Led re-architecture of the entertainment platform for global rollout, introducing feature flags and localization to enable same-day market launches. Developed internal performance tooling that improved web vitals across benefits experience by 20%.

Senior Frontend Engineer

Nov 2015 — Sep 2019

LearnVest / Northwestern Mutual

New York, New York, United States

Founding lead of the enterprise design system team, driving adoption across 20 engineering teams. Built a containerized visual regression tool integrated into engineering workflows to reduce UI regressions in production. Led technical implementation of a marketing experimentation platform that empowered non-technical stakeholders to run A/B tests independently.

Frontend Engineer

Nov 2015 — Dec 2016

LearnVest

New York, New York, United States

Worked closely with Growth in the implementation of the marketing experimentation platform empowering non-technical users to manage A/B experiments.

Web Development Fellow

Jul 2015 — Jan 2016

The Flatiron School

Brooklyn

The NYC Web Development Fellowship is an intensive training program designed to equip New Yorkers with the skills necessary to launch careers in web development. Provided by the NYC Tech Talent Pipeline and the Workforce Development Corporation in partnership with the Flatiron School, the 22-week program is provided free of cost to participants and includes a five-month on-campus training, a 12-week paid internship, and connection to jobs in technology.

SKILLS

API Development · SASS · Software Development · A/B Testing · Git · Web Application Development · REST APIs · Web Applications · TypeScript · HTML5 · Front-End Development · Redux.js · React Native · vite · GitHub · Communication · Multi-Tenant Management · Jest · Code Design · Next.js · Technical Leadership · Cross-Functional Collaboration · Product Strategy · Frontend Architecture · Design Systems · Performance Optimization · CI/CD · React · Roadmapping · Mentorship