

# Andrew Houser

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## SUMMARY

Staff Front-End Engineer and Customer Experience (CX) Domain Lead with a track record of building scalable front-end platforms, design systems, and engineering standards across enterprise products. Specializes in modern React architecture, developer experience, and UI governance, with a focus on aligning engineering systems to business outcomes.

Proven leader in transforming fragmented front-end ecosystems into cohesive, high-performing platforms that improve delivery velocity, usability, and long-term maintainability.

## CORE EXPERTISE

- Front-End Architecture (React, Next.js, Vite)
- Design Systems & Design Tokens
- Developer Experience & Tooling
- UI Platform Strategy & Governance
- Accessibility (WCAG 2.1 AA, 508)
- Performance Optimization
- Testing Strategy (Vitest, Playwright, MSW)
- Cross-Functional Leadership

## Professional Experience

### MILLIMAN INTELLISRIPT - Remote

Team Lead, Customer Experience (CX) Domain, April 2025 – Present

Staff Software Engineer, October 2024 – April 2025

React | NextJS | Vite | Typescript | Storybook | MSW | Tanstack | React-Aria | AWS | SAFe Agile | Git

- **Lead the Customer Experience (CX) domain**, defining front-end architecture, design system strategy, and UI standards across multiple product lines.
- **Own and evolve the Sable Design System**, transitioning it from a designer-led component library into a scalable, developer-first platform with reusable components and tokenized theming.
- **Establish and drive front-end governance standards**, improving consistency in architecture, accessibility, and performance across engineering teams.
- **Modernized development tooling** (Webpack → Vite), significantly improving build performance and developer productivity.
- **Designed and implemented a comprehensive testing strategy using Vitest** and modern testing practices, increasing coverage to 95% and reducing regression risk.
- **Founded and lead a Front-End Community of Practice**, scaling knowledge across teams and improving adoption of best practices in React, accessibility, and performance.
- **Partner with product, design, and engineering leadership** to align experience strategy with business goals and product delivery.
- **Lead and mentor a team of 10 engineers**, focusing on architectural consistency, code quality, and professional growth.

## Impact

- Standardized front-end architecture across multiple teams and applications
- Improved developer velocity through tooling modernization and shared patterns
- Increased product consistency and usability through design system adoption
- Reduced production defects through improved testing and engineering standards

## TitanHST, NEWPORT BEACH CA (Remote)

Senior Software Engineer, June 2022 – Present

React | Redux | Typescript | BlueprintJS | AWS | StyledComponents | Jest | Storybook | Git

- **Led front-end development of a customer-facing admin platform**, improving usability, performance, and accessibility.
- **Increased user engagement by 25%** through UX redesign and improved interaction patterns.
- **Reduced support requests by 20%** by simplifying workflows and improving UI clarity.
- **Achieved WCAG 2.1 AA compliance**, enabling adoption in government and regulated sectors.
- **Improved performance by reducing load times by 40%** through code splitting, lazy loading, and API optimization.
- **Delivered key features** that increased platform usage among enterprise customers.

## SKILLSHARE, NYC (Remote)

Staff UI Software Engineer, January 2020 – June 2022

React | NextJS 13 | Apollo | GraphQL | Bootstrap | Material UI | Cypress | Jest | Storybook | Git | CI/CD

- **Led migration from Backbone.js to React/Next.js**, modernizing platform architecture and improving delivery speed.
- **Reduced feature delivery time by 30%** through improved architecture and development workflows.
- **Implemented GraphQL (Apollo)**, reducing API latency by 50% and improving content discovery.
- **Established front-end best practices** and mentored engineers.

## QLESS, PASADENA CA (Remote)

Senior Software Engineer, July 2014 – December 2019

OpenLaszlo | KnockoutJS | REST API

- **Led UX and front-end improvements** that contributed to \$2M in additional annual recurring revenue.
- **Modernized legacy applications**, reducing technical debt by 50% and improving maintainability.
- **Improved customer satisfaction** by reducing complaints by 30% through better UX and system reliability.
- **Collaborated across product and engineering teams** to deliver customer-focused solutions.

## THOMSON-REUTERS, PORTLAND ME / LONDON UK / PHILADELPHIA PA

Senior Product Designer / Engineer July 2002 – June 2014

[ASP.net](#) | Javascript | XML

- **Led development of six core products** within a pharmaceutical intelligence platform.
- **Designed and built data-heavy interfaces** that improved usability and decision-making.
- **Played a key role in integrating acquired products** into a unified platform.
- **Relocated internationally** to support global product integration efforts.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS

**Front-End:** React, Next.js, Redux, Vite, Storybook

**Architecture:** Design Systems, Component Libraries, Front-End Platforms

**Testing:** Vitest, Jest, Cypress, Playwright, MSW

**DevOps:** AWS, CI/CD, GitHub

**Accessibility:** WCAG 2.1 AA

**Other:** Agile (SAFe), UX/UI Design, Performance Optimization