

# Mitchell Hillman

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## Staff Frontend Engineer

React · TypeScript · Embedded Platforms · AI-Augmented Engineering · Technical Leadership

Frontend engineer with 14 years delivering consumer-scale web applications and embedded TV platforms across FinTech, media, hospitality, and higher education. Owns component library design, microfrontend architecture, and cross-team technical direction. Introduced AI-assisted development workflows that tripled team throughput. Bridges hands-on delivery and engineering leadership: setting technical direction, mentoring engineers, and building systems adopted across teams.

### EMPLOYMENT HISTORY

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#### Telus Digital

Jan 2023 – Present

##### Senior Software Engineer

- Led teams of 3–5 engineers delivering embedded web apps across five TV platforms (PS5, Xbox, Samsung Tizen, LG webOS, VIZIO SmartCast), reaching millions of users on a device footprint rivaling Roku and Apple TV
- Delivered frontend across FOX Corporation streaming products — FOX ONE, Fox Local, Fox Weather, Fox Nation, and Tubi — spanning live sports, local news, weather, and on-demand entertainment
- Built React component library on AEM for Wyndham Hotels' booking flow: search, date selection, room configuration, and rewards integration
- Owned frontend architecture for VA Connects, an Angular education platform for the University of Virginia; drove headless CMS adoption as a core architectural decision that shaped the content strategy
- Introduced Claude-assisted workflows that tripled story throughput to 3 per developer per day; used Cursor to ship dashboards and tooling in single-day sprints
- Evaluated and recommended CSS architecture (SCSS vs. Tailwind), framework (React vs. Angular), and headless CMS; all recommendations adopted and shipped
- Mentored 2 engineers and 1 college-graduate intern: code review, architecture guidance, and career development
- Advised a client marketing team on Stable Diffusion image generation; recommended LoRA fine-tuning for brand-consistent outputs

#### Bottomline Technologies

May 2019 – Dec 2022

##### UI Team Lead

- Designed and maintained a shared UI component library consumed by 6–12 FinTech applications and depended on by approximately 30 frontend engineers across the organization; eliminated redundant development of complex components (data grid, datepicker, tabs) and reduced the blast radius of UI bugs to a single fix
- Led a microfrontend refactor that decomposed a monolithic frontend into independently deployable modules; managed 2 engineers to embed an OAuth authentication flow across multiple applications
- Set technical standards, ran code review, and managed sprint planning across the frontend engineering team

#### Room Key

May 2016 – Jan 2019

##### Lead UI Developer

- Owned design and development of a complete frontend overhaul for a hotel search platform, migrating from JavaScript to ClojureScript while executing a simultaneous rebrand
- Served as sole frontend decision-maker, responsible for technology selection, architecture, and delivery

#### Silverchair

Nov 2014 – May 2016

##### UI Development Manager

- Managed a team of 6 entry-level engineers building custom-branded frontends for approximately 10 academic journal brands including Oxford University Press, McGraw-Hill, the U.S. Department of Health and Human Services, JAMA, the American Heart Association, and Gray's Anatomy
- Owned frontend architecture across the multi-tenant publishing platform

#### CFA Institute (Contractor)

May 2014 – Nov 2014

##### UX/UI Developer

- Designed and developed top-level navigation for the CFA Institute's global homepage, supporting a new global content architecture

#### Journey Group

May 2013 – May 2014

##### Web Developer

- Built custom publishing platforms for 6+ print magazines transitioning to digital

#### Venveo

Feb 2012 – May 2013

##### Front End Developer

- Built a custom 3D product visualizer; delivered accessible, pixel-perfect HTML/CSS across dozens of marketing sites

### SKILLS

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**Technical** React, TypeScript, Angular, Embedded Web (PS5, Xbox, Tizen, LG webOS, VIZIO), Microfrontend Architecture, Component Library Design, Adobe Experience Manager, Storybook, Playwright, Cypress, Jest, React Testing Library, Mapbox, CI/CD (Jenkins, Azure DevOps), Security Remediation (Acunetix, Sonar, Snyk)

**AI and Emerging Tools** Claude, Cursor, Stable Diffusion, LLM Prompt Engineering, AI Workflow Automation, fast.ai (model training and evaluation fundamentals), Python

**Leadership** Software Architecture, Technical Direction, Team Leadership, Mentorship, Cross-team Coordination, Performance Optimization, Accessibility, Web Security

### EDUCATION

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**Liberty University** B.S., Public Relations, Advertising, and Applied Communication

May 2011