

# Mitchell Hillman

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## Staff Frontend Engineer

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

Frontend engineer with 14 years of experience 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. Bridges hands-on delivery and engineering leadership: setting technical direction, earning trusted-advisor status with client engineering leaders, and establishing team-wide AI engineering practices that have produced measurable velocity gains.

### EMPLOYMENT HISTORY

#### Telus Digital

Jan 2023 – Present

##### Senior Software Engineer

- Led teams of 3–5 engineers delivering embedded web apps across five FOX streaming products and five TV platforms (PS5, Xbox, Tizen, webOS, VIZIO), reaching millions of users; resolved React rendering bottlenecks on resource-constrained hardware and championed real-device testing infrastructure that exposed platform-specific bugs local simulators missed
- Owned frontend architecture for VA Connects, an Angular education platform for the University of Virginia: scoped and demoed a Contentful CMS proof-of-concept directly to UVA stakeholders (approved and adopted), replaced Bootstrap with a custom component library, and restructured subtest architecture so four engineers could work in parallel against a fixed deadline — described by UVA's Education and Outreach Director as "a radical transformation"
- Acting Engineering Lead on Venu (PS5/Xbox); drove unowned technical blockers — Microsoft Partner Account, Sony DevKit setup, PlayStation contract — and bridged client and Telus leadership; relationship continuity directly seeded the follow-on FOX One engagement (multi-team web and Android)
- Recognized as "trusted advisor" by the FOX One TV apps platform lead; rebuilt a stalled engagement by ramping two engineers, landing device-level fixes on Xbox (native keyboard) and Vizio (rendering) that Fox's embedded engineers had not solved, and resetting client communication — engagement extended through end of contract
- Remediated frontend package vulnerabilities across a Mastercard web application using Acunetix, Sonar, and Snyk; championed and maintained >90% unit test coverage
- Established team-wide AI-assisted engineering practice on Wyndham Hotels as FE Tech Lead — onboarded a newly composed team to Claude, codified prompt patterns for scaffolding, review, debugging, and documentation, and integrated AI into existing delivery ceremonies; sprint velocity grew ~5x (sub-20 points to ~100 points) and held steady, materially de-risking MVP delivery
- Mentored ~10 engineers across Telus engagements (2–3 at a time) plus an intern, providing code review, architecture guidance, and career development; advised a client marketing team on Stable Diffusion image generation and LoRA fine-tuning

#### Bottomline Technologies

May 2019 – Dec 2022

##### UI Team Lead

- Designed and maintained a shared UI component library used by 6–12 fintech apps and ~30 engineers; built dual-audience documentation — Storybook for engineers, a separate site for designers and product owners
- 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

#### 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

#### 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, and the American Heart Association; owned architecture and championed accessibility across the multi-tenant platform

#### Earlier Experience

Feb 2012 – Nov 2014

UX/UI Developer, CFA Institute (contract) · Web Developer, Journey Group · Front End Developer, Venveo

### SKILLS

**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

### SPEAKING & WRITING

- *The Imagination Gap* (Apr 2026) — [writing.mitchellhillman.com](https://writing.mitchellhillman.com), on AI shifting the software bottleneck from coding ability to product judgment
- GROW Talk: *The Value of Unit Testing* — presented to a joint backend and test engineering audience, structured around the *why* before the *how*
- Cross-discipline workshop on component composition and inheritance for the VA Connects design team — built shared engineering and design vocabulary

### EDUCATION

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

May 2011