

Cailey Miller

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SUMMARY

Startup-seasoned front end engineer and tech lead with 6+ years building accessible, scalable React and TypeScript applications. Specialist in WCAG 2.2 AA+ compliance, front end architecture, UI/UX design, and technical writing. Experienced in building LLM-integrated UI features from prototype to production, and comfortable in both legacy and greenfield codebases.

PROFESSIONAL EXPERIENCE

Fieldtech Software (Startup) | Remote

May 2023 – May 2026

Senior Software Engineer (Front End Focused), Tech Lead Manager

- Led UI architecture and development for a scaling insurtech platform built on React, TypeScript, Vite, and GraphQL, partnering directly with product, executives, and contracted design partners to convert ideas to shipped features.
- Designed and launched a platform-agnostic, feature-rich data table library from scratch, replacing 30+ deprecated third-party tables and unifying UX across all products.
- Introduced and enforced WCAG 2.2 AA+ accessibility standards across all applications through regular audits, remediation guidance, and direct fixes to faulty code and UX design. Built accessibility checks into automated e2e and unit tests to catch regressions before release.
- Led UI development of two greenfield LLM-integrated proofs of concept that became core product offerings: a context-aware chatbot widget and an AI-assisted bulk data processing application for agency admins.
- Managed and mentored a team of front end engineers through empathetic code reviews, pair programming, 1:1s, bi-annual performance reviews, and career guidance.
- Owned day-to-day UI/UX design with no in-house designer: built wireframes and interactive coded demos using core component library, audited mockups from contracted design partners for accessibility and feasibility, and designed greenfield POCs from written product concepts.
- Wrote the documentation that guided the team: decision records and demos for new libraries, code style and React best-practice guides used in code reviews, explainers on concepts like PWAs for non-technical readers, and the company's first resource for engineering role performance expectations.

Coterie Insurance (Startup) | Remote

August 2021 – September 2022

Front End Software Engineer

- Built and launched a domain-specific language (DSL) UI that let underwriters craft error-free rule engine logic without learning complex syntax.
- Core greenfield UI developer for a successfully launched mission critical application that provided insurance agents with a data intelligent "2 click" quote flow.
- Helped establish and enforce accessibility standards across design and engineering, raising WCAG compliance adoption.
- Mentored peer and junior engineers through code review, pairing, and monthly 1:1s.

- Modernized a legacy C# Razor and jQuery livestreaming and event management platform using React, Redux, TypeScript, and Firebase.
- Built an automated pre-commit quality enforcement system for a multi-language monorepo, standardizing code quality across all contributors.

- Remediated WCAG violations found in an application-wide audit, enabling the core product's WCAG 2.1 certification.
- Built UI features and resolved bugs for a long-established digital publishing platform using React, JavaScript, and jQuery.

SKILLS

Languages: JavaScript, TypeScript, C#, HTML5, CSS/SCSS, Bash

Frameworks and Libraries: React, Redux, Apollo, TanStack, Node, GraphQL, REST, Storybook, .NET, React Hook Form, Yup, Zod

Testing: Jest, Vitest, React Testing Library, Cypress, Playwright, axe-core, axe DevTools, JAWS, BrowserStack

Infrastructure and Tools: Nx, Vite, Git, CI/CD (Azure, GitHub Actions), SQL, Firebase, Copilot, Claude Code

Practices: Web Accessibility (WCAG 2.2 AA+), UI/UX Design, Software Testing / QA, Mentorship, Technical Writing, Management