

Micaela Avigliano

Design Engineer and Senior Frontend Engineer · UI Systems and Component Libraries

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SUMMARY

Design Engineer and Senior Frontend Engineer with 6+ years turning designs and brand guidelines into polished, production-ready UI. Deep experience building and publishing shared component libraries in Storybook, grounded in strong HTML and CSS fundamentals alongside React and TypeScript. Comfortable working from mockups with minimal hand-holding, quick to pick up new tooling and dive into legacy code, and an everyday user of Claude Code to accelerate delivery. Strong eye for look and feel and the fine details that make an interface feel finished and native.

PROFESSIONAL EXPERIENCE

Nespresso Jan 2025 – Present

Senior Frontend Engineer / Accessibility Engineer / Design Engineer · Remote

- Lead the shared HQ UI component library used across 28+ international markets, turning design specs into reusable, brand-faithful React primitives on solid HTML/CSS foundations.
- Act as the primary technical bridge between Design, Product, and Engineering, translating mockups and guidelines into production UI independently, with minimal back-and-forth.
- Delivered the frontend for a worldwide brand campaign reaching 350,000+ users, preserving a cinematic, boutique look and feel through careful motion and detail work.
- Integrated GitHub Copilot into the component development lifecycle and defined the review process that keeps AI-assisted contributions polished and regression-free.
- Build accessible-by-default patterns (WCAG 2.2 AA) into the component layer, and author documentation and hands-on React/UI workshops that scale the team's shared standards.

Freelance Sep 2024 – Present

Design Engineer and Frontend Engineer · Remote

- Use Claude Code daily to scaffold and ship polished component patterns (modals, overlays, focus traps, keyboard navigation) accelerating delivery without sacrificing quality.
- Authored and published a public library of 12+ reusable component patterns (tabs, modals, accordions, dropdowns, tables, pagination, scroll-jacking) as Claude Skills, reused across engagements to keep UI consistent.
- Operate as the developer-validation step in design-to-AI-to-code workflows, reviewing generated output for structure, semantics, and interaction quality before production.
- **Harley-Davidson (4-month contract):** built brand-heavy component architecture (carousels, modals, navigation, forms), translating rich interactions into reduced-motion-aware UI without compromising visual identity.
- **BiomeMakers (2-month contract):** delivered data-visualization components and dashboards for an agricultural analytics platform and established repeatable patterns for the in-house React library.
- **Supra (2-month contract):** refactored frontend components in a Contentful/Nunjucks + Drupal environment with semantic, SEO-ready markup; ran audits and remediation on high-traffic pages.

SmartAsset Jan 2024 – Oct 2024

Software Engineer · Remote

- Migrated a legacy SQL-backed architecture to a modern React, TypeScript, and GraphQL stack. Comfortable diving into and modernizing unfamiliar legacy code.
- Built SSR patterns (Apollo, Next.js) for pagination and data-rich dashboards and revitalized Core Web Vitals with a custom image pipeline, sharpening LCP and mobile performance.
- Shipped Optimizely SSR A/B testing with behavior-based segmentation; contributed across PHP, Python, and SQL alongside core React/TS work.

Ceres Imaging Jan 2023 – Aug 2023

Frontend Developer · Remote

- Built map-based dashboards with Mapbox and Vue/Vuex, letting growers across three continents visualize analytics in real time.
- Key contributor migrating internal dashboards from Django to Next.js + GraphQL, improving interactivity and performance.

Indeed Sep 2021 – Jan 2023

Frontend Developer and Accessibility Analyst · Remote

- Refactored legacy code into a reusable component library documented in Storybook, accelerating new user-flow development across teams.
- Raised unit-test coverage to 85% (React Testing Library), sharply reducing regressions in consumer-facing flows.

- Engineered custom focus-management and keyboard-navigation systems and led accessibility overhauls across high-traffic platforms.

Telecom ArgentinaNov 2020 – Sep 2021

Frontend Developer · Buenos Aires

- Built custom spatial navigation for the Flow Smart TV app, tuning the remote-control model to feel native on a high-traffic media platform.
- Migrated legacy Vanilla JS/Redux to a modern Next.js, TypeScript, and React Context monorepo; engineered a queue system for stability during peak live-sports events.

eSSential AccessibilityDec 2019 – Aug 2020

Accessibility Analyst · Buenos Aires

- Conducted accessibility audits and implemented remediation (HTML/CSS/JS/React) for global finance, retail, and food brands; mentored junior testers.

AccentureJun 2019 – Dec 2019

Software Developer · Buenos Aires

- Built responsive Vue.js interfaces for enterprise applications and refactored UI components for performance, responsiveness, and accessibility.

TECHNICAL SKILLS

Core Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, React, Next.js, Vue.js

Component Libraries & Design Systems: Storybook, reusable UI primitives, design tokens, microfrontends, monorepos, Vite

Styling & Look-and-Feel: Sass, Emotion, Styled Components, Tailwind CSS, Material UI, motion/animation, responsive design

Design & Handoff: Figma-to-code workflows, design tokens, type scales, motion prototyping

AI-Assisted Engineering: Claude Code, Claude API, GitHub Copilot, Skills authoring, agent workflows

Testing & Quality: Playwright, React Testing Library, Jest, Cypress, axe, BrowserStack, Core Web Vitals

Accessibility: WCAG 2.1 / 2.2 AA, ARIA, focus management, keyboard navigation, screen reader testing

State & Data: GraphQL (Apollo), Redux, React Context, REST, Contentful, WordPress, Drupal

LANGUAGES

Spanish — Native · English — Bilingual / C2 · Italian — B1 (in progress)