

Micaela Avigliano - Frontend Developer & Accessibility Analyst

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About Me

Senior Frontend Engineer with 6+ years of experience building inclusive, scalable, and high-performance web applications. Specialized in React, Next.js, TypeScript, and accessibility (WCAG, ARIA). Contributed to major platforms across finance, e-commerce, streaming, and agriculture, working with global teams across 28+ countries.

Tech Summary

- Languages & Frameworks: JavaScript, TypeScript, HTML5, CSS3, React, Vue.js, Redux, GraphQL, Next.js, Node.js, PHP
- Testing & QA: React Testing Library, Jest, Cypress, Enzyme, Axe, Lighthouse
- Accessibility: WCAG 2.1 AA, ARIA, Screen Readers (NVDA, JAWS, VoiceOver), Keyboard Navigation
- Tools & CMS: Git, GitLab, Bitbucket, Contentful, WordPress, Drupal, Mixpanel, Optimizely
- Styling: Tailwind, Sass, Emotion, Styled Components, Material UI, Vuetify
- Other: Agile / SCRUM, Jira, Confluence, Vercel, Webpack, Babel
- OS: Linux, macOS, Windows

Professional Experience

Freelance - Frontend Developer & Accessibility Analyst (Sep 2024 - Present)

Worked with Nespresso, Harley-Davidson, BiomeMakers, and Supra delivering performant, accessible frontend features across international markets.

- Built accessible components using React, Next.JS, TypeScript, Vanilla JS, Tailwind
- Led audits (axe, VoiceOver) and implemented WCAG-compliant patterns
- Worked with Drupal, Contentful, and microfrontend architectures
- Deployed projects with Vercel, contributed to UI, marketing, and PDF reporting dashboards

SmartAsset - Software Engineer (Jan 2024 - Oct 2024)

Led a full migration from legacy to modern stack in a fintech platform, improving SEO, maintainability, and performance.

- Migrated systems to Next.js, React, GraphQL, PHP, WordPress
- Improved Core Web Vitals (SSR), implemented Optimizely for A/B testing
- Built content tools, filters, and forms; improved Lighthouse accessibility scores

Agile collaboration with design, QA, and product teams

Ceres Imaging - Frontend Developer (Jan 2023 - Aug 2023)

Developed geospatial dashboards and UI tools for growers in North/South America and Europe.

- Migrated dashboards from Django to Next.js + GraphQL- Built filters, tables, and Mapbox layers using Vue, MUI, and React

Fixed critical geolocation bugs and improved UI responsiveness

Used Vercel, Recoil, and GitHub in Agile SCRUM teams

Indeed - Frontend Developer & Accessibility Analyst (Sept 2021 - Jan 2023)

Focused on reusable components and accessibility within large-scale platforms.

- Built accessible components with React, Redux, Emotion
- Boosted test coverage to 85% using React Testing Library

Led custom focus handling for keyboard users; refactored legacy code

Ensured WCAG 2.1 AA and ARIA compliance; used Cypress, Storybook

Telecom - Frontend Developer (Nov 2020 - Sept 2021)

Improved performance and UX on a Smart TV app during high-traffic periods.

- Migrated app to Next.js + TypeScript, built custom spatial navigation
- Built queue system, video player, and legacy-to-modern transition

Used Tailwind, Storybook, and React Context

eSSential Accessibility - Accessibility Analyst (Dec 2019 - Aug 2029)

Performed accessibility audits and technical remediation for major global brands in finance, retail, and food sectors.

- Conducted WCAG 2.1 AA evaluations using axe, NVDA, JAWS, and VoiceOver
- Fixed accessibility issues using HTML, CSS, JavaScript, React
- Delivered compliance reports and a11y action plans
- Mentored junior testers and collaborated across SCRUM teams

Accenture Argentina - Software Engineer (Jun 2019 - Dec 2019)

Developed responsive web interfaces and improved accessibility in enterprise applications.

- Built native website using Vue.js, Node.js, AWS, HTML/CSS
- Refactored UI components for better accessibility and responsiveness

Languages

- Spanish: Native
- English: Fluent
- Italian: Intermediate