

MIRABELLE DOIRON

UX Engineer | React · TypeScript · Tailwind · Motion

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PROFESSIONAL SUMMARY

Design-focused UX Engineer with 8+ years of experience building accessible, scalable UI and enterprise design systems in React and TypeScript. Specialized in high-fidelity design-to-code translation, WCAG 2.1 AA compliance, and reusable component architecture. Expert in bridging the gap between design intent and technical execution for large-scale products serving millions of users.

TECHNICAL SKILLS

Languages & Frameworks: React, TypeScript, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Framer Motion, Node.js, REST APIs. **UX & Design Engineering:** Figma-to-code translation, Responsive Design, Interaction Design, Information Architecture, Progressive Disclosure, Design Systems, Design Tokens, Storybook, Component API Design. **Accessibility & Standards:** WCAG 2.1 AA/AAA compliance, Screen Reader Support, Keyboard Navigation, Semantic HTML, Focus Management, ARIA patterns. **AI & Automation:** MCP Server Development, AI Agent Architecture, RAG-powered documentation, Workflow Automation.

SELECTED ACHIEVEMENTS

- **Scale Impact:** Built and maintained core design system components used by 12M+ monthly active users.
- **Accessibility Excellence:** Improved global WCAG compliance from 78% → 96% through rigorous auditing and automated testing.
- **Revenue Growth:** Increased email CTR by 24%, generating \$2M+ in annual conversions through modular responsive systems.
- **AI Leadership:** Selected for Claude AI pilot; engineered tools that reduced internal development time by 40%.

PROFESSIONAL EXPERIENCE

INDEED — UX ENGINEER, DESIGN SYSTEM | July 2021 – July 2025

- Developed 50+ React components and UI primitives for an enterprise design system, ensuring pixel-perfect parity with Figma specifications.
- Spearheaded accessibility initiatives, delivering fully keyboard-navigable and screen reader-supported interfaces for a global audience.
- Built custom MCP servers for a React email library, reducing build time from 3 days to 4 hours (95% time savings).
- Led TypeScript standard adoption and testing frameworks, increasing coverage from 45% to 87% and reducing production bugs by 60%.

OSEA MALIBU — AI INTEGRATION (FREELANCE) | March 2025 – January 2026

- Implemented AI-powered workflow automation, building 5 custom AI agents for content and product copywriting.
- Delivered AI tools with a 90% stakeholder adoption rate within the first month of implementation.

AAA — UX DEVELOPER / DESIGNER | CA | April 2017 – June 2021

- Designed and developed 100+ responsive email campaigns annually, achieving 98% cross-client compatibility across 40+ different clients.
- Established company-wide ADA compliance standards, reducing accessibility violations by 85% and mitigating legal risk.
- Mentored junior developers on frontend best practices, responsive design, and component-driven development.

QUANTUM — UX DEVELOPER | CA | November 2015 – December 2016

- Built responsive websites for 15+ clients using HTML, CSS, and JavaScript, reducing development time by 35% via reusable templates.

EDUCATION & CERTIFICATIONS

- **Anthropic AI Fluency Certification** — Anthropic | July 2025
- **Associate Degree in Web Design & Development** — MATC | 2009–2012