Derek Misler

Front-end engineer, design enthusiast, and accessibility advocate with 15+ years of experience across diverse industries. Currently building **AI-powered developer tools** at Docker.

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Core Skills

Front-end Architecture, Design Systems, Monorepo Architecture, Performance Optimization, AI Agent Development, LLM Integration, AI-Powered Developer Tools, Developer Experience, PWAs

UI/UX Design, Responsive Design, Typography & Layout, Accessibility (WCAG), SEO, Color Theory, Visual Hierarchy, Interaction Design, Design Tokens, Motion & Animation

Working With

TypeScript, React, Next.js, Node, Web Components, Figma, Vite, Webpack, Jest, Vitest, RTL, Playwright, Cypress, Biome, Storybook/Chromatic, GHA, DataDog, Sentry

Docker, Go, Python, Remix, Astro, React Native, Redux, Adobe Creative Cloud, OpenAI API, Claude API, LangChain, MCP, cagent

Work Experience

Docker

Senior Software Engineer

Senior front-end engineer on AI agents and developer tooling, integrating AI-powered workflows into Docker Desktop.

Led frontend architecture for Insights Dashboard for enterprise customers to track usage, adoption, and ROI. Credited in multiple enterprise deals

Delivered GitHub Action + agent runners (cagent-action); hardened for open source with secret scanning and input sanitization.

Built enterprise-critical features in Docker Desktop: Bulk Deployment, Policy Assignment form, and Hub catalog integration.

Cadre

Lead Engineer

Unified decoupled SPA and third-party marketing site into cohesive Django/React app; migrated front-end to monorepo.

Built custom server-rendering with Webpack, React, and Node.js for marketing site.

Led internal design system built on Base Web component library (open-source contributor).

Mentored full-stack engineers using Agile and Shape Up methodologies.

Patreon

Senior Front-End Platform Engineer

Led migration from Flask/React multi-page app to Next.js, achieving a 55% reduction in LCP through incremental rollout with feature flags.

Built observability stack integrating DataDog, Sentry, PagerDuty, and Slack; migrated testing from Enzyme to React Testing Library and Cypress.

Drove TypeScript adoption, linting standards, and front-end best practices; contributed to component library and Redux-to-Jotai migration.

Mentored engineers and created "Front-End 101" onboarding track for new hires

Transfix

Staff Front-End/Mobile Engineer

First front-end engineer; established web and mobile architecture, rebuilding Android/iOS apps in React Native.

Evolved web stack from Rails → Aurelia → React/Redux; developed internal library for web, mobile, and shared NPM modules.

Implemented CI/CD with CircleCI, defined linting/testing standards, and led creation of internal component library.

Rebuilt public site from WordPress to Jade templates, later migrating to 11ty.js.