

# Derek Misler

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Front-end engineer and design enthusiast, dedicated to creating accessible and engaging web experiences with a keen eye for UI/UX and typography.

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## This Is Me

A seasoned front-end engineer with 15+ years of experience, I began web development at age 13, driven by curiosity. Skilled in graphic design and diverse web and app development, I excel in crafting accessible, user-friendly digital experiences, combining technical expertise with strong design sensibility and deep UI/UX and typography knowledge.

[derekmisler.com](https://derekmisler.com)  
[derekmisler@gmail.com](mailto:derekmisler@gmail.com)  
[github.com/derekmisler](https://github.com/derekmisler)  
[linkedin.com/in/derekmisler](https://linkedin.com/in/derekmisler)

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### Languages

HTML, CSS, JavaScript, TypeScript, Python (Flask, django), Ruby (Rails)

### Tools & Technologies

Webpack, Babel, swc, ESLint, Prettier, NPM/Yarn, Docker, AWS, CircleCI

### Design & UX

Figma, UI/UX, Responsive/Mobile-First Design, Typography, Tailwind

### Frameworks/Libraries

React, Redux, Next.js, Node.js, React Native, AngularJS, Aurelia, Gatsby

### Testing

Jest, React Testing Library (RTL), Cypress, Enzyme, Storybook

### Other Skills

SEO, A11y, Functional Programming, API Design, Performance, PWAs

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## Patreon

### Senior Software Engineer, 2021–2024

- Led front-end migration to Next.js, reducing LCP by 55%, enhancing performance and scalability.
- Developed incremental migration patterns with feature flagging, error alerting, and monitoring.
- Championed TypeScript adoption, linting, and documentation, setting front-end best practices.
- Transitioned testing framework to React Testing Library and Cypress, improving test coverage.
- Facilitated cross-team collaboration, improving development processes and knowledge sharing.
- Mentored junior engineers, fostering team growth and cohesion.
- Key contributor in moving from Redux to Jotai, enhancing state management efficiency.
- Developed accessible form elements, integrating with React Hook Form for improved form management.

## Cadre

### Lead Software Engineer, 2020–2021

- Unified SPA and marketing site into a Django/React app, streamlining codebase management.
  - Led the migration to a monorepo, enhancing code maintainability and team collaboration.
  - Created custom server rendering for marketing site, optimizing performance and SEO.
  - Developed and led an internal component/design pattern library, improving UI consistency.
  - Contributed to open-source libraries, demonstrating community engagement and expertise.
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## Transfix, Inc.

### Staff Software Engineer, 2016–2020

- Spearheaded web app refactoring across multiple frameworks, culminating in a React/Redux architecture.
- Led the public site's transition from Wordpress to Gatsby, enhancing performance and maintainability.
- Established CI/CD pipelines with CircleCI, improving deployment efficiency and reliability.
- Created standards for CSS/JS syntax, type-checking, and automated testing, ensuring code quality.
- Developed front-end networking standards using AWS, enhancing security and reliability.

## Explore Asheville

### Web Manager & Developer & Photographer, 2011–2015

- Led the development of the web presence, including mobile site and responsive design initiatives.
  - Managed redesigns and refactoring of marketing sites using various technologies.
  - Oversaw design and data analysis for marketing campaigns, aligning with strategic objectives.
  - Developed award-winning, interactive web applications using AngularJS and Node.js.
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