

# Derek Mislér

## Software Engineer & Occasional Designer

Brooklyn, NY

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For more experience information and contact details, visit [derekmisler.com](http://derekmisler.com).

### This Is Me

I am a front-end engineer and, occasionally, a designer with 15+ years of experience building exceptional, high-quality websites and applications. I have a design background, tons of UI/UX experience, and a surprisingly large knowledge of typography (seriously, let's talk about it). I think all front-end engineers should study design, and I believe having this well-rounded education makes me a stronger engineer.

### Patreon

#### Senior Software Engineer 2021–Present

- Senior engineer on front-end platform team, leading large-scale Flask/React to Next.js migration.
- Decreased LCP by 55% through collaboration with BE and infra teams.
- Developed migration pattern with feature flag support, error alerting, and monitoring.
- Scheduled QA sessions, facilitating knowledge sharing and updates.
- Spearheaded front-end development best practices: Typescript, linting, documentation.
- Migrated to React Testing Library and Cypress for tests.
- Streamlined development, enabling tests in dev and PRs.
- Mentored junior engineers, a top interviewer, and led onboarding.
- Adopted industry-leading tech for better productivity.
- Key role in Redux to Jotai migration.
- Created accessible form elements integrated with React Hook Form.

### Cadre

#### Lead Software Engineer 2020–2021

- Refactored and combined a decoupled SPA and third-party marketing site into a Django/React web app.
- Migrated fragmented codebases to a monorepo.
- Developed a custom server rendering configuration for our marketing site with Webpack, React, and new Node service.
- Technical lead and developer of our internal component/design pattern library.
- Contributed to the open-source component library that inspired our own component library (Base Web).
- Lead/mentored teams of full-stack engineers across multiple projects, using both Agile and Shape Up methodologies.

### Tools I Use

A11y	Next.js	CSS3	Flask
CircleCI	Node.js	HTML5	Django
Testing Library	React	l18n	PHP
Cypress	React Native	Angular	Ruby/Rails
Jest	TypeScript	DevOps	Git/Github
Perf/Web Vitals	npm/yarn	Python	Mobile-First

### Transfix, Inc.

#### Staff Software Engineer 2016–2020

- Refactored web app from Rails, to Aurelia (a terrific JS framework), and finally landing on React with Redux.
- Refactored our public site from Wordpress to Jade (now called Pug), a great static site templating language, and eventually to Gatsby.
- Created an internal library for launching apps for web (React/Redux), mobile (React Native), and shared modules (NPM).
- Brand-new CI/CD pipeline (CircleCI).
- Created standards for CSS and JS syntax linting, type-checking with Typescript, and automated testing.
- Developed our front-end networking standards, using AWS tools, including all of our deployment configurations, client-side security, and multi-region failover.
- Technical lead on the creation of our internal component/design pattern library.
- Rebuilt our Android and iOS apps using React Native.
- Built a cross-functional team to carry on the work.

### Asheville Convention & Visitors Bureau

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

- Lead and primary developer of our entire web presence.
- Created our first mobile site and responsive blog theme within a .NET-backed codebase.
- Redesigned and refactored our marketing site twice, eventually with Node.js/MongoDB on the back-end and a custom static site framework, Goatee, on the front-end.
- Oversaw design aspects of all print- and web-related assets for our various marketing campaigns.
- Primary data analyst for all marketing campaigns, including capturing and segmenting demographic data to drive future campaigns.
- Lead developer and designer of two long-form, media-rich, highly interactive, award-winning web applications with our Node back-end and AngularJS front-end.