

# Derek Mislner

## Software Engineer & Occasional Designer

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

I am a software engineer 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 developers should study design, and I believe having this well-rounded education makes me a stronger engineer.

### Tools that I use

React & Redux	AWS	Firebase	CI/CD
TypeScript	Adobe CS	HTML5	PHP
Node.js	Aurelia	LESS/Sass/	Ruby/Rails
React Native	CSS3	CSS-in-JS	Go
Python/Django	ES6/7	Angular	Java

### Cadre

#### Senior Software Engineer 2020–Present

- 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.

### 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, first with Coldfusion and later with Node/MongoDB on the back-end and a custom JS templating language, 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.

### Transfix, Inc.

#### Staff Software Engineer 2016–2020

- Refactored web app from Rails, to Aurelia (a terrific JS framework), and finally landing on React/Redux.
- Refactored our public site from Wordpress to Jade (now called Pug), a great static site templating language.
- 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.
- Grew a team of cross-functional engineers to continue the work.

### Houser Shoes, Inc.

#### Developer & Designer & Photographer 2010–2011

I was part of a 3 person team that redesigned their e-commerce website with Magento, which utilized primarily PHP and MySQL and was tied to their inventory and accounting systems. I was also the product photographer.

### Freelance

#### Developer & Designer & Photographer 2009–2019

A lot of branding at first, but eventually full-time web development. Mostly Shopify, SquareSpace, or Wordpress, but recently had a chance to work on a custom Go-backed UI library.