Derek Misler
Software Engineer& Occasional Designer

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For more experience information and contact details, visit derekmisler.com.

I am a software engineer with a design background and 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

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

Transfix, Inc.
Staff Software Engineer
2016–Present

- 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.

Asheville Convention & Visitors Bureau
Web Manager&Developer&Photographer
2011–2015

As the only developer on staff, my job was to maintain our entire web presence. Starting with a .NET-backed site, I oversaw two redesigns: a Coldfusion site, then a responsive site with Node.js on the back-end and a custom JS framework on the front-end. I also developed two long-form, award-winning web stories.

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–Present

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.

Precision Printing
Designer&Printer
2007–2009

Though this isn't web-related, I still think my experience working in a print shop can be seen in my work as a developer.

The Appalachian Newspaper
Designer&Developer&Photographer
2006–2008

Established the online presence for The Appalachian newspaper, while still maintaining my role as lead graphic designer.

Appalachian State University
BFA - Graphic Design
2005–2009

I chose to study graphic design in an arts department. I focused on web design while also studying color theory, typography, printmaking, and layout design in a group setting.