

# DEREK DUNCAN

Website Developer, Designer

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Creating a web experience for millions of people on the internet is not just a job I do everyday, but a personal investment I make in every project. I have a passion for creating beautiful, addictive experiences on the web – something people on the other side rarely appreciate, but subconsciously are drawn back to. I love building products that gracefully connect with the user by solving his/her problems in such an captivating way.

Every project I work on is driven by this enthusiasm. From the backend to the frontend, each component plays a critical part in creating an elegant experience for the user. This fact motivates me to excel in every area that I work and encourage the team I'm working with to embrace the same mindset.

## EXPERIENCE

### Senior Software Engineer at Curadora 2016

Developed core features for Curadora, a child company of CID Entertainment, whose goal was to redefine how fans planned for and experienced music festivals. Gained valuable experience connecting to hotel booking and information services like Expedia and Priceline. Maintained diligent communication and lively culture on the team while working remotely. Handled all-aspects of the service, from building new features, debugging customer issues, improving workflows, brainstorming roadmaps, solving technical debt, and communicating with stakeholders. Incredible team members. Company was closed following an acquisition by PrimeSport.

### Front End Developer at Brief Media 2014 - 2016

Lead major development initiatives for the #1 digital media company in the veterinary industry. Trained and mentored developers. Ensured codebase maintainability in the team by establishing best practices and standards. Worked with stakeholders to create and review feature requirements. Created wireframes and comps for features. Lead development for major site redesigns. Implemented business strategy for scalable ad infrastructure. Worked with project managers to create efficient development workflows. Provided quality assurance and code review for fellow developers. Promoted thoughtful user experience across the products.

### Freelance Web Developer 2013 - 2015

Worked with clients to develop small-business websites. Created requirements, concepts, and designs. Built both backend and frontend aspects of projects.

### Founder of Start Essential LLC 2015

Capitalized on a growing market in essential oils to provide a SaaS, marketing tools application for independent distributors of Young Living. Created business plan and marketing strategies. Designed and developed product to support user management, referral programs, image manipulation, subscription tools, and personal websites. Closed startessential.com in Q4 of 2015.

# SKILLS

## JavaScript 4 years

JavaScript is my strongest language. I'm always seeking to master its functionality. I embrace factory functions and closures to create immutable, modular applications.

## Elixir/Phoenix 6 months

Elixir does a fantastic job of providing an excellent development experience while ensuring explicit, well-designed functional code. I have leveraged its power for a large web-app that integrates multiple services into a stable, usable API.

## HTML(5) 4 years

I believe in beautiful and accessible HTML and am always looking to improve the markup.

## CSS(3) 4 years

I'm passionate about predictable and organized CSS. It can be challenging to manage on a team level, so I am always exploring better organization and class structure. It is the magic that creates a wonderful user experience, so I love creating in it.

## jQuery 4 years

I have used jQuery extensively for DOM manipulation. I believe in using pure JavaScript for most solutions, and integrate jQuery for browser compatibility and DOM navigation.

## ReactJS/Redux 2 years

I used React primarily with projects designed to test my knowledge with the framework. I strongly believe in a one-way data flow. Practical container and presentational component structure are my emphasis.

## Ruby/Rails 8 months

I used Ruby on Rails to build several content management solutions for clients. The framework enabled me to quickly develop solutions for image upload, user management, shopping carts, and content management.

## NodeJS 2 years

I believe in the benefits of sharing a language on both the frontend and backend. NodeJS is the primary reason my JS knowledge has grown so deeply. I have built a production application and several small projects with it that include user management, SaaS, image manipulation, API's, and payments.

## AngularJS 6 months

I built two small one page applications with Angular. Building these, I was able to witness two-way scope flaws. That understanding has strengthened my belief in a one-way data flow (ReactJS).

## NoSQL 2 years

I used NoSQL alongside NodeJS projects. I found them very helpful when dealing with JSON data. My experience is primarily with MongoDB and storing application data.

## SQL 2 years

I managed the database structure of production MySQL databases. I was challenged to explore efficient ways of querying large amounts of data.

## Python 3 years

I have found Python to be consistently useful for scripting. I've use it occasionally to create development efficiencies and pull data reports from databases.

## Docker 2 months

Docker provides a fantastic way to manage dev environments. I have used it to manage a large web-app that connected on multiple servers.

## Git 4 years

I saw my biggest growth in understanding of Git when I began using it on a team. As the Git manager on the team, I was forced to understand how to proficiently maintain feature branches in a dev>stage>production setup.

# OTHER

## Tools

MacOS, Vim (MacVim), Git, Slack, Adobe Creative Suite, Sketch, Wrike, Basecamp, Pivotal Tracker, Google Apps, Trello.

## Development

REST, TTD, Functional Programming, OOP

## Project Management

Agile, scrum, time tracking.

## Human

Team communication, mentoring, passion, leadership, empathy, integrity of character, work ethic.

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