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EXPERIENCE

Full-Stack Developer --- DoTopia AUGUST 2016 - PRESENT

DoTopia is a charitable giving platform that allows companies to leverage the power of giving to engage employees, foster customer loyalty and support corporate values. DoTopia expands giving from a transactional event into an engaging activity that results in more people, giving more. When I first joined DoTopia, the system was 100% ASP.NET, entirely siloed for a single client and not responsive. There was no SEO and the UX was extremely difficult to navigate. I have since rebuilt the entire system from starting from a full redesign all the way to architecting the server.

1. Design/UX

Step one was to audit the entire site, find out what in terms of design and UX worked, what was confusing and what needed an entire overhaul. Aside from a few image assets, it all had to be rebuilt from scratch. With my background in UX, this made for a fun project. I am a big fan of sites like MailChimp where the UX is pleasurable and the copy is fun and witty. That was my goal. Given the idea of DoTopia (giving to charities), I felt like the site's aesthetic and attitude should be lighthearted and fun.

2. Frontend

After the UX audit, I started rebuilding the site from scratch while still keeping the backend functionality. I had to strategize the process as the current site was wrapped inside ASP.NET application which does not allow for easy integrations with a JS framework like Angular. Step one was to build the new frontend in AngularJS within the ASP.NET application while using the existing ASP.NET variables and functionality. I planned on using a templated architecture that would allow for dynamic versions of the site to be easily branded to future clients via settings saved in the database and a wildcard subdomain.

3. Backend

Step three was to rebuild the backend on a Laravel based API so that the application could scale easily while we acquired more clients and while third parties integrated into our system. When we were originally on the ASP.NET framework, there were many inefficiencies and overly architected aspects of the system that made it difficult to run an API system off of. My knowledge of Laravel made the project of completely rebuilding the backend fun. Using a token based bearer authentication, I built the backend of the DoTopia site on a Laravel based API while not interrupting the existing functionality or data. Aside from growing the functionality into what it is today, I also am proud to say that we have been tested by two large banks (clients of ours) for penetration tests and have passed with flying colors.

4. Admin

Prior to me joining DoTopia, there was no non-technical way to access the data, for DoTopia employees or clients. Given DoTopia is a financial service that handles fiscal transactions and user data, we needed to know who was donating, how much was left in clients' budgets, where funds are being directed to, and all sorts of other information we need to manage within the system. Today, not only we can manage a plethora of information within our admin, the clients and charities can access donor info, invoices, user info, manage volunteering, fundraising events, and more.

5. Third Party API

DoTopia offers an API that allows clients to access all of the core functionality of DoTopia by using our REST API built on Laravel. Using Bearer Authentication, we supply clients with functionality to handle donations, charity fundraising and volunteering events, and custom landing pages for each of the aforementioned functionality.

Software Engineer --- Hungry MARCH 2015 - AUGUST 2016

Hungry is a SoHo based creative agency. We specialize in building web applications that serve as internal tools, startup ideas, and marketing tools for large brands. We specialize in using AngularJS for all frontend work, Laravel for backend, Nginx for the server, and occasionally Node for unique API situations and workflow needs.

1. TwoTrees NY

Technologies: HTML5, LESS, Angular, Laravel
URL: <http://www.twotreesny.com>

2. Sephora Events Site

Technologies: HTML5, LESS, Angular, NodeJS, Redis
URL: <http://www.sephoraevents.com> (No Longer Exists)

3. 300 Ashland Site

Technologies: HTML5, SASS, ReactJS, NodeJS
URL: <http://www.300ashland.com>

4. Hungry Site

Technologies: HTML5, LESS, AngularJS, Laravel
URL: <http://hungryinc.com>

Front End Developer --- Night Owl Interactive JUNE 2013 - MARCH 2015

Night Owl Interactive is an interactive agency that specializes in building PHP web apps. We work primarily with startups. Often times when non-technical co-founders have an idea for an online business, we will build it for them.

1. Truelearn

Technologies: HTML5, Sass, jQuery, PHP, Pjax, Wordpress, Highcharts,
URL: <http://truelearn.com>

2. Listen

Technologies: HTML5, Sass, jQuery, PHP, Listen API, Soundmanager2, Zendesk, Wordpress
URL: <http://www.listen.com>

3. Swell Bottle

Tech: HTML5, Sass, jQuery, Wordpress, PHP, Twitter/Facebook/Instagram/Zendesk APIs
URL: <http://www.swellbottle.com/>

User Experience Architect/Front End Developer --- POKE New York AUGUST 2010 - JUNE 2013

POKE New York (aka MAKEABLE NYC) is a digital innovation agency with offices in both London and New York. If it's connected to the Internet, we can create it, design it, build it, and market it.

1. Weather Channel Mobile Application

Technologies: Axure, KendoUI, Sass, jQuery
URL: <http://www.weather.com/apps/iphone>

2. Penguin Publishing Website

Technologies: Axure
URL: <http://www.penguin.com/>

3. American Express Personalized Benefits

4. American Express Give Your Six Campaign

5. I went to MoMA and... Project

Technologies: Axure, HTML5, CSS3, jQuery, PHP
URL: <http://www.moma.org/iwent>

SIDE PROJECTS

I use side projects as playgrounds to learn new code and experiment with ideas I am unable to execute on client work.

1. Garage Guides

Technologies: HTML5, Sass, Angular, Laravel, Canvas
URL: <http://www.garageguides.com>

2. Audible Coffee

Technologies: HTML5, Sass, Angular frontend, CakePHP API, Soundcloud API, MySQL
URL: <http://audiblecoffee.com>

3. PitchDeck

Technologies: HTML5, Less, AngularJS, Laravel
URL: <http://pitchdeck.jeanhules.com>

EDUCATION

University of Saint Thomas, St. Paul, Minnesota BA MARKETING AND ENTREPRENEURSHIP - 2010