

prakashvenkat

web developer

address

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programming

JavaScript
(ES5, ES6, node.js)
CoffeeScript
Python
Haskell
Bash
Fish
CSS3 & HTML5
LaTeX

tools

Angular
React
Express
Grunt & Gulp
PIL
Docker
Charles Proxy

about

full-stack web developer. programming junkie. born and raised new jerseyian. world traveler. i've built web sites, interactive widgets, RESTful APIs, chatrooms, data visualizations, anagram solvers, console applications, HTML5 frameworks. if you're looking for something web-related, i'm your man.

education

2006–2010

GPA 3.8/4.0

University of Michigan

B.S. with Honors

experience

11/2015 – Present

Kargo

Sr. Web Developer

I joined Kargo to gain hands-on ad industry experience. During my stint here I've developed feature rich tools that facilitate exchange between advertisers and publishers. Most of my work here has used Angular for front-end application management/infrastructure and canvas for interactivity.

Details:

- Designed and implemented a "rate card" that allowed clients to predict expenditure per campaign
- Developed an interactive ad builder that allowed ad designers to create ads via a WYSIWIG-style editor
- Created a workflow tool that allowed members of the development team to rapidly generate documentation for various software products
- Built an interactive wizard that led clients through the process of searching for and buying ad executions

11/2013 – 11/2015

Adcade

Sr. Web Developer

Lead web developer at an advertising tech startup. Mastered fundamentals of web MVC/MVVM/MV* design. Delved into the guts of Angular-based web app development. Kept a library of reusable React components for a rainy day. Developed a set of HTML5 tools used to create rich, responsive interactive ads across all browsers and devices.

Details:

- Created a campaign management dashboard that allowed users to monitor metrics and generate reports
- Developed software for displaying HTML5 inside mobile apps in accordance with the MRAID and VPAID specifications
- Built canvas modules that played animations and video with no lag on desktop or mobile devices
- Led daily standups and managed sprints in order to meet deadlines and deliver software on time

01/2012 – 11/2013

LearnBop Inc.

Web Developer

Lead front end developer at an education tech startup. I've developed everything from support chat to infographics to interactive UIs. My main project was the design and creation of an interactive lesson authoring tool that was used to generate 500+ lessons. It is still in use today.

Details:

- *Wrote libraries for rendering reactive UI elements using a combination of Handlebars and Backbone*
- *Developed a customer support chat application utilizing websockets and longpolling*
- *Wrote Simple Object Access Protocol web services for fetching large XML responses*
- *Gained familiarity with AWS tools like S3 Cloud Storage, CloudFront, and ElasticBeanstalk*

09/2011 – 12/2011

Bloomberg

Project Data Analyst

Worked as an analyst on Bloomberg project Bgov. My job was to catalog local, state, and national politicians and draw relationships between their campaigns and their funding.

Details:

- *Translated Excel spreadsheets into SQL tables*
- *Implemented text parsing algorithms using Regex*
- *Prototyped render engines for visualizing analyzed data*
- *Generated insights by defining relationships between political platforms and donations*

09/2010 – 04/2011

Hill & Knowlton Global Public Relations

Intern

Intern for a digital public relations company. Among my many important duties were making copies and ordering lunch. Got a taste for various blogging engines, Drupal, Typepad, Blogger, the primary one being Wordpress.

Details:

- *Designed and deployed Wordpress blogs*
- *Composed and edited copy for 100+ blog posts*
- *Created slide decks for use in client meetings*
- *Presented blog design to firm's technical leadership weekly*

awards

October 2014

Finalist, Money 20/20 Hackathon

Pixcrypt

Concealed bitcoin wallet information inside pictures using a steganography algorithm. Users could send sensitive bitcoin information to each other in the form of images, as opposed to verbose bitcoin addresses. Users could also embed bitcoin information in the world around them by taking photographs.

April 2013

Finalist, Ghostery Hackathon

Falcon

Wrote a browser extension that throttled the number of extraneous requests made before rendering a website. Was able to demonstrably cut load times for sites by up to 10%.

hobbies

- Photography

- Traveling
- Surfing
- Snowboarding
- Brewing Beer