

prakashvenkat

web developer

address

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programming

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

tools

Angular
React
Express
Grunt & Gulp
PIL
Docker

about

full-stack web developer. programming junkie. 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.A. with Honors

experience

11/2013 – Present

Adcade

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 impressions and generate metrics reports.
- Developed software for displaying HTML5 inside mobile apps in accordance with the MRAID specifications.
- Created seamless canvas video players for mobile browsers (including Firefox and Native Android).
- Built canvas modules that rendered and played animations with no lag on desktop or mobile devices.

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 in-house framework 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.

hobbies

- *Photography*
- *Traveling*
- *Surfing*
- *Snowboarding*