

Dylan Yep

Software Engineer

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Experience

Freelance Software Developer / Doberman

August 2017 (New York, NY)

I worked with an ecommerce client to build a custom, Shopify backed store and a Node.js application to collect analytics, sanitize data, and store them in a BigQuery data warehouse. Deployed on GKE/Kubernetes.

Senior Software Engineer / BKCM, Digital Asset Group

September 2016 - August 2017 (Remote)

I worked with the CTO to develop a system to efficiently create, manage, and administer capital pools by combining the strengths of public and private ledgers using blockchain technology. Back end SQL, Lua, Moonscript. Front end React.js/Redux.

Senior Software Engineer / Human Condition Safety

March 2015 - August 2016 (New York, NY)

I led a team of developers on the Product and R&D teams to architect, develop, and deploy a construction safety platform. In addition to designing the entire back end architecture and continuous delivery pipeline, I wrote Node.js/React application code and stream analysis algorithms in Clojure. The Infrastructure was based on Vagrant, Ansible, Jenkins, Docker, Kubernetes, and CoreOS hosted on both on-premises servers and Microsoft Azure.

Editorial Developer / Bloomberg Businessweek

April 2014 - March 2015 (New York, NY)

I worked with editors and reporters to create data visualizations, editorial tools, news apps, and other interactives. End-to-end development. Back end Node.js and Ruby on Rails. Front end AngularJS, KnockoutJS, D3js, Sass, and Gulp. Hosted on AWS EC2 and Elastic Beanstalk.

Personal Projects

Umpire Auditor

Twitter: @umpireauditor Website: buswk.co/1oSoch5

Analyzes every pitch in the MLB every night, ranks umpires based on the percentage of calls they make correctly, and tweets the worst call of the night. API built on Rails with an AngularJS front end hosted on Businessweek.

FCCliefs

Twitter: @fccliefs Blog post: <http://bit.ly/1U5fleY>

A Twitter bot loaded with public comments on net neutrality from the FCC database. Originally, in pdf form, the comments were unsearchable. Now they can be queried by tweeting at the bot. Also, if you just want to chat, FCCliefs is quite a conversationalist. Data parsing in Python. Twitter bot written in Node.js

Skills

Languages

Proficient: Javascript, Ruby, Python, Bash, SQL, HTML, CSS
Familiar: Clojure

Libs/Frameworks/DBs

Node.js, Ruby on Rails, Express, Django, Postgres, MongoDB, GraphQL, React, Redux, AngularJS, KnockoutJS, vue.js, D3js, jQuery, Mocha, Jest, webpack, Browserify, Sass

Site Reliability/Operations

AWS, Microsoft Azure, IBM Bluemix, Heroku, Git/Github, Ansible, Docker, Vagrant, Kubernetes, Jenkins, Travis, Circle, Terraform, CoreOS, Ubuntu

Education

Penetration Testing with Kali Linux

July 2016 - October 2016

Online, intensive, hands-on, penetration testing course, culminating in a 24-hour certification exam.

New York University

September 2009 - May 2013

Bachelor of Arts, Politics, with Honors, Presidential Scholar. Minors in East Asian Studies, Economic Policy

NYU in Shanghai, China

August - December 2011

Coursework in Chinese language and Chinese politics