

Zach Kelling

Demand Magic / Monoid

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Software consultant with experience building large, scalable web applications and services and big data analytics using a wide-range of languages and technologies. Also a Vim badass.

Skills

Languages

- Deep understanding of JavaScript and Python
- Experience with C / C++, Objective-C, Clojure, Java, PHP, and many other languages.

Platforms

- Extensive experience with BSD/UNIX systems such as Linux and OSX.
- Experience with cloud platforms, most notably Amazon AWS.

Databases

- Experience with Postgresql, MySQL, MongoDB, RDS, Redis, and Redshift.

Web

- Experience with Backbone.js, Flask, Django, Express, Node.js, and many other frameworks.
- Experience with latest JavaScript and HTML5 advances.

Mobile

- Developed HTML5/JS and native Android and iOS applications.

Experience

2012 - Current Demand Magic

CTO of Demand Magic, an ad tech company specializing in display and email advertising.

- Built Javascript SDK for monetizing Javascript applications and browser extensions.
- Built display advertising platform with yield optimization and analytics, handling hundreds of millions of requests per day.
- Built e-mail marketing platform capable of sending tens of millions of emails.
- Experience scaling large web applications/services and dealing with big data.

2006 - Current Monoid

Founded [Monoid](https://monoid.io), a software consulting company specializing in helping startups of all sizes.

- Developed software for wifi device designed for internet connection sharing and DNS hijacking for custom embedded applications built on top of a Node.js-based platform.
- Built real-time geolocation applications using Twisted and PostGIS.
- Built tools for developers and established best practices for CoffeeScript and JavaScript.
- Developed interactive real-time apps using Node.js, Backbone.js, Websockets, WebRTC and other bleeding edge technologies.

Open source/Community

- Active member of Javascript and Python communities.
- Dominating presence on [StackOverflow](https://stackoverflow.com) with a specific focus on Python; in the top 10% for Django and Python, top 20% for MongoDB.
- Participated in Kansas City Startup Weekend #3 and #4 and numerous other hackathons.
- Several projects on [npm](https://npmjs.com), [PyPi](https://pypi.org), [Github](https://github.com) and a contributor on other open source projects.