Zach Kelling
Monoid / Verus

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github // stackoverflow // web

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, Haskell, Go, and many other languages.
Platforms	Extensive experience with BSD/UNIX systems such as Linux and OSX as well as cloud platforms, most notably Amazon AWS.
Databases	PostgreSQL, MySQL, MongoDB, Riak, Redis, and Redshift.
Web	Backbone.js, Flask, Django, Express, Node.js, and many other frameworks.
	Experience with latest JavaScript and HTML5 technologies.
Mobile	Developed HTML5/JS and native Android and iOS applications.

Experience

2014 - Current   Verus
Founded Verus, a startup in the email marketing space, focused on distributed, large-scale mailing.
    Built distributed email platform on top of Python/Node.js.
    Built fast, distributed MTA using Go.

2013 - 2014   Slash/net
CTO of Slash/net, a network hardware startup.
    Developed software for custom embedded WiFi hardware platform.
    Built DNS-hijacking server allowing custom applications to be developed for platform using JavaScript/Node.js.

2012 - 2014   Demand Magic
Engineer and eventual CTO of Demand Magic, an ad tech company specializing in display 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 using Node.js.
    Experience scaling large web applications/services and dealing with big data.

2006 - Current   Monoid
Founded Monoid, a software consulting company specializing in helping startups of all sizes.
    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, etc.

Open source/Community

Active member of Javascript and Python communities.
Dominating presence on StackOverflow 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.
Dozens of projects on npm, PyPi, Github and a contributor on other open source projects.