

Mike Kusold

✉ mike@mikekusold.com • 🌐 mikekusold.com

Education

The Ohio State University

B.S. Computer Science & Engineering
Software Systems

Columbus, OH

2012

Technical skills

Languages: JavaScript, Node.js, Ruby, Go, HTML5, Java, C#

Frameworks: React, Redux, MobX, Express.js, Ruby on Rails, Backbone.js, Beego, Gorilla Toolkit

Test Frameworks: Jest, Mocha/Chai.js, Ginkgo/Gomega, GoConvey, rspec

Datstores: MongoDB, Redis, Postgres, MySQL **Cloud Providers:** AWS, GCE, Heroku

Experience

BriteContent

Senior Software Engineer

Boulder, CO

Sept 2016-Oct 2017

- Rapidly iterated on an automated marketing SaaS to achieve market fit.
- Developed a new product that had a goal to widen the inbound sales opportunities.
- Delivered Express, a product targeted at customers with a lower budget.
- Spiked, and then led the effort to replace Rails Action Views with a React front-end.
- Mentored a Software Engineer at his 1st post-college job.

JumpCloud

Software Engineer

Boulder, CO

Aug 2013-Aug 2016

- Designed and delivered revenue generating features that directly impacted our MRR.
- Took over responsibilities from former Security Engineer. On-boarded new employees, led quarterly security reviews, and was PoC for independent security researchers.
- Lead of a team dedicated to addressing technical debt by creating new processes and tools.
- Designed and delivered an auditing solution for our customers that handles 1.6 billion events per month on a single EC2 t2.small instance.
- Delivered native user management support on OS X, despite a lack of documentation from Apple.
- Delivered a Google Authenticator MultiFactor login screen replacement for OS X.
- Integrated with Google's API for Google Apps user imports and exports.
- Created a billing microservice to accurately track how many hours per month a system was active.
- Extensively revamped our admin portal using Backbone.js.
- Member of an on-call rotation responsible for our production systems.

10-4 Systems

Software Engineer

Boulder, CO

Jan 2013-Jul 2013

- Rapidly implemented new brokerage features to replace an antiquated system.
- Responsible for key mapping features that gave brokers instant visual feedback on potential matches.

Rosetta Marketing

Technology Associate

Cleveland, OH

Jul 2012-Dec 2012

- Used extensive Taxonomy and Search features to make a client's large site easily manageable.
- Worked as the sole Android Developer to reduce platform specific bugs and rendering issues for a client's HTML5 WebView application.

Pillar Technology

Agile Apprentice

Columbus, OH

Jan 2012-Jun 2012

- Created an internal Ruby on Rails and Backbone.js reporting website for a client using TDD and Agile methodologies.
- Created key management features to set goals, create users, and spoof user identities.
- Setup and maintained a local Jenkins Continuous Integration Server
- Presented different augmented reality solutions for iOS to the client, and consulted on the initial design.

Rosetta Marketing

Junior Technology Associate

Cleveland, OH

Jun 2011-Feb 2012

- Created custom SharePoint web parts and implanted Omniture analytics for a client's website.
- Co-created a SharePoint training class, leveraging self-taught skills for fellow interns.

Chemical Abstracts Service

Student Programming Co-Op

Columbus, OH

Jun 2010-Jun 2011

- Generated reports using SAP and Business Analyzer for the sales staff to better focus their sales efforts.
- Created a Python fuzzy matching script to identify client overlap despite inconsistent naming conventions.

Talks

Go 1.6

What's coming in Go 1.6?

Boulder Gophers

February 9, 2016

Go-Gotchas

Common and tricky pitfalls in Go

Boulder Gophers

October 6, 2015

Beginner Track: Interacting with a database

Storing/Retrieving registration data in Postgres using database/sql

Boulder Gophers

June 2, 2015

Beginner Track: Web server Basics

How to create a web server and inject GET params into a html/template

Boulder Gophers

May 5, 2015

Cross Compiling Golang

How to setup the golang toolchain for cross compilation

Boulder Gophers

February 18, 2015

Lessons Learned

Lessons I've learned while managing a small open source project

Node.js Denver/Boulder

January 15, 2015

Bootstrapping AWS

An introduction to using AWS User Space to bootstrap your AMIs

AWS Boulder-Denver

October 28, 2014

Project Experience

- Integrated Foursquare and Google Maps in an open source Android application to assist users with spending a night out.
- Cleveland Give Camp 2011 – Volunteered as part of an ad hoc formed team to create a mobile WordPress theme using jQuery Mobile for a non-profit. The web site was styled to look and act as a native Android and iOS app.
- Cleveland Give Camp 2012 – Completely overhauled a non-profit's website with easier management, updated styling, and donations.
- Colorado Give Camp 2013 – Developed a solution to display large amounts of data regarding charter schools on a map.
- Center For Families & Children – Led a group of interns to develop an end-to-end database solution for storing, entering, and reporting surveys used by a nonprofit client to secure funding.