

# +Mike Hall

## Software Developer

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## Skills

### API design

Designed and refactored many application interfaces for use as libraries or over HTTP.

### Project Direction

Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

### Full-stack Ruby on Rails

Experienced with building up from design to deploy as well as diving into long-established legacy codebases.

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## Tools

### Languages

Knowledgeable Ruby and Ruby on Rails developer.

Experienced in implementing efficient and correct HTML, CSS, and JavaScript.

Strong experience crafting efficient and performant SQL queries.

Familiarity with building applications using Clojure and Java.

### Databases

Extensive SQL experience building upon MySQL, PostgreSQL, and Redis.

Familiarity working with ElasticSearch, MongoDB, CouchDB, Vertica, Riak, and Hadoop.

### Environments

Built out CI pipelines using a variety of automated build and test systems.

Created local development environments using Vagrant.

Prepared production and staging systems using EC2, Heroku, and self-managed hosting environments.

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## History

### BenchPrep

*Senior Software Developer*

**March 2017 - February 2018**

Optimized heavyweight queries and improved accuracy of calculations using Postgres advanced query and diagnostic tools. Improved security of email and integrations by using JSON Web Tokens and Web API for communications. Introduced team communication practices such as daily stand and acceptance criteria on feature and support request cards.

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## ReachLocal/Kickserv

*Software Developer, remote*

### **March 2015 - November 2016**

Collaborated with a distributed team to build and support Ruby apps and Rails-based APIs. Introduced improvements to the development workflow, improved the development toolchain and fixed performance and security issues. Implemented critical conversion of payment gateway while reducing complexity. Improved visibility and communication between product and customer support groups, introduced project management tools and agile concepts to the management teams.

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## KloboMedia

*CTO, remote*

### **March 2014 - September 2016**

Built social media analytics system to aggregate and generate insights for professionals looking for concrete advice on how to improve their social media presence. Led development of the marketing and customer user interface.

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## Coderwall

*Core Team Lead, remote*

### **January 2014 - December 2014**

Re-launched Coderwall as an open-source project and led the community development efforts.

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## UpCity

*Software Developer, Chicago, IL*

### **October 2013 - February 2014**

Collaborated with a distributed team on an SOA architecture web application that helps small to medium business improve their search engine and local presence.

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## Viewpoints

*Senior Engineer, Chicago, IL*

### **April 2013 - October 2013**

Led development team working and principal development of support and new business initiatives.

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## Groupon

*Engineering Learning & Development Business Partner, Chicago, IL*

**July 2011 - April 2013**

Worked with projects from fraud analysis in Clojure to building internal tools with Rails to creating a centralized taxonomy management service in Java. Transitioned to leading efforts to rebuild and improve the onboarding and engineering retention process.

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## Obtiva

*Software Engineer - Greater Chicago Area*

**August, 2009 - July 2011**

Consultant dispatched to clients to work independently and in team environments. Worked on projects building B2B services for Sears, internal report generation systems for marketing agencies, and with Groupon before the acquisition.

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## Prior experience upon request

*Microsoft Platform developer - Greater Chicago Area*

**December, 1999 - August, 2009**

Experience spanning a decade building web applications on the Microsoft Platform.