



# Matthew Rose

Senior Software Engineer at Welltok

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## Summary

Over ten years experience developing web applications in Golang, Ruby on Rails, Javascript (Backbone/Angular/Ember). Future development interests include more Go and Ruby, while excited about possibilities around Elixir/Phoenix. Work experience including virtualization automation, server/application monitoring applications, e-commerce, inventory and project information management. Advanced degree in Management Information Systems.

Community involvement includes starting and running Fort Collins Ruby Group for five years. Strength in communicating technical information to non-technical users. Coding style: collaborative, clean, behavior-driven, with test coverage.

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## Experience

### Senior Software Developer at Welltok

November 2016 - present

- \* maintain and add features to Golang microservices
- \* plan, groom, and implement new features on Ruby, Node, and Go services
- \* assist in onboarding new team members

### Golang Developer at HPE/Lionbridge

February 2016 - November 2016 (7 months)

A medium-sized team (around 15 developers) working on an REST/websocket API to process VM automation requests. 100% Go development.

- \* implement Golang cloud automation service
- \* worked in a large "scaled-agile" internationally distributed team
- \* deploy Docker/Kubernetes service

### Software Engineer at Scout Monitoring

May 2013 - February 2016 (2 years 9 months)

A small team (total company size has grown from 3 to 6 people during my employment) building and maintaining a high-throughput web service for monitoring server and application health. Clients include Apple, Adobe, Sendgrid, AirBnB, NPR, etc. [scoutapp.com](http://scoutapp.com)

- \* implement web-app features for monitoring server status
- \* implement features on ruby agent deployed to client machines
- \* implement Golang microservices for importing metrics

### Software Engineer/Owner at Composition9, LLC

2005 - May 2013 (8 years)

Freelance software development, mostly web, mostly Ruby on Rails. Projects include, but are not limited to:

**Push.io** (<http://push.io> - now Oracle Marketing Cloud)

Worked on a small team (around six people) building a highly scalable cross-platform mobile notification service. I built a Rails/EmberJS

app for the customer to interact with the service, building notification templates, etc. The service was eventually bought by Oracle.

**ThisLife** (<https://www.thislife.com>)

Worked on a team (about fifteen people) building a photo management service. The service integrated with other popular photo services (Facebook, Flickr, etc.). My responsibilities included queueing and processing the import and export of photos between the connected services. This service was eventually bought by Shutterfly.

**Bulley & Andrews, LLC** (<http://bulley.com>)

My first project. I designed and built an information system for managing insurance, permit, contract and other project information for a general contractor in Chicago. I trained the office staff (around 30 employees) on the use of the system. Also built a warehouse inventory management system using bar-codes and scanners on their warehouse inventory and equipment. Worked alone and reported directly to the CFO.

**PocketFuzz**

Worked on several projects with the PocketFuzz team (the owners went on to start Roximity - <http://roximity.com>). Mostly just me and the two owners, occasionally with another developer. Projects included appending ads on to text messages for ChaCha (<http://www.chacha.com>), building a phone contest answering service for Sony/the Wu-Tang Clan, building a text-to-screen service (<http://techcrunch.com/2007/09/16/pocketfuzz-announces-service-to-make-concerts-more-annoying/>) for concert venues.

**PlanToEat** (<https://plantoeat.com>)

Maintained the site, including adding a recurring payment option for subscribers.

**ComedyWorks** (<https://www.comedyworks.com>)

Maintained and added features to an online ticket-ordering site for a local comedy club.

**Blue Iron IP** (<http://www.blueironip.com>)

Worked on a team of two developers building a patent information management system. Reported directly to the owner. The other developer was relatively new to software development, so my responsibilities included mentoring, mostly via pair-programming.

**Resource Revival** (<https://www.resourcerevival.com>)

Built a Ruby/Rails ecommerce app for Resource Revival. Worked alone and reported directly to the owner. For example, built an app for ordering bulk engraved medals. Users could upload their logo, overlay it on a medal, and order bulk medals laser-engraved with their arrangement. When I stopped freelancing, I recommended they move to a hosted e-commerce solution and helped them move their site to Shopify, where it is hosted now.

**Regal Air** (<http://www.regalairparts.com/>)

Worked on an app for quoting, buying, and selling aircraft parts.

**Systems Developer/Accountant at Bulley & Andrews, LLC**

January 2000 - January 2005 (5 years 1 month)

Worked as accountant while attaining Masters degree. Later, built a project/inventory management system that I still maintain (see above).

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## Education

**DePaul University - Charles H. Kellstadt Graduate School of Business**

**Master of Science, Management Information Systems 2004, 2000 - 2004**

**University of Illinois at Urbana-Champaign**

**Bachelor of Arts, Economics; Accounting & Accountancy Economic Statistics, 1995 - 2000**

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## Interests

spending time with my kids, new technology, camping, hiking, skiing, bicycling

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## Skills & Expertise

- Go/Golang

- Ruby
- Ruby on Rails
- Docker
- Vim
- Tmux
- Ansible
- JavaScript
- Backbone.js
- AngularJS
- Ember.js
- PostgreSQL
- Elixir
- MySQL
- CSS
- Git
- REST
- Agile Methodologies