

# Thomas Beihl

SOFTWARE ENGINEER · RAILS EXPERT

Chattanooga, TN

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## Summary

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Developer specializing in backend/infrastructure, web development and computer security. Leader who can communicate technical strategies both to stakeholders and tech team members. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises. Prefers to use the right tool for the task at hand. For a interesting story, ask how my picture came to be in National Geographic.

## Education

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### Oxford University

Oxford, England

MSc SOFTWARE ENGINEERING

Exp. May. 2019

- Areas of study include Agile Engineering Practices, Algorithmics, Cloud Computing and Big Data, Concurrent Programming, Database Design, Functional Programming, and Software Engineering Mathematics

## Selected Recent Projects

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### Your Best Pathway To Health

Collegedale, Tennessee

IT DIRECTOR

April 2015 - PRESENT

- Managed all IT projects for non-profit organization
- Led team of volunteer IT specialists enabling provision of medical services valued at over \$125,000,000 free of charge to 35,000+ patients
- Developed solution for Patient Records Management.

### UNUM

Chattanooga, Tennessee

CLOUD OPERATIONS ENGINEER

January 2017 - March 2018

- Supported Cloud Enablement Team by creating Redhat Cloudforms customizations in a Ruby on Rails environment
- Developed strategies for migrating physical servers to virtual machines hosted in Azure
- Deployed Ansible based solution for critical enterprise applications

### Clapham Capital / buildtracks.com

Chattanooga, Tennessee

MANAGING PARTNER

December 2016 - PRESENT

- Managed development for Highrise addon
- Grew customer base prior to Highrise shutdown
- Ported PHP project to Rails
- Lead orderly shutdown of project

### Disciples Software

Chattanooga, Tennessee

OWNER

January 2012 - January 2017

- Implemented Geocoding, Map based filtering in Desktop Application
- Utilized innovative git like version control for syncing databases between desktop clients and Ruby on Rails web app
- Maintained Ruby on Rails application through transition from MYSQL to Postgres

## Favorite Tools and Technologies

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- Frameworks: Ruby On Rails
- Frontend: Javascript / Stimulus.JS
- Style: CSS / SASS / HAML
- Operating Systems: Linux
- Hosting Platforms: Heroku, Azure, AWS, Linode, Digital Ocean
- Databases: POSTGRES, MYSQL, SQLITE