

# Zach Ahn

Software Engineer  
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**Software Engineer**  
Handy Technologies  
Jan 2016 – Present

- Worked on a large, four-year-old Rails application to streamline the provider application process, increase yield, and optimize operations efficiency
- Added invoicing and an resolving job queue to integrate our services with an online retailer and to lay the foundation for similar future partnerships
- Automated activation and approval of new providers; added regulation of incoming provider applications

**Developer**  
Seelio  
Aug 2014 – Aug 2015

- Composed a platform for asset fingerprinting, long expires, compressing, and cache busting for improved performance on a Node.js/Express app
- Implemented an extensible delayed job queue to handle tasks such as asynchronous emails and time-sensitive data processing
- Reworked the build process in order that unmodified files would not be recompiled to save developer and deployment time

**Software Engineer**  
Web team  
(Harvest Missions  
Community Church)  
May 2013 – Sept 2015

- Created, prioritized, and delegated tasks to team members and provided best practices and continuous integration to enable asynchronous work
- Assessed usage requirements and determined structure, data models, URL schemas of Ruby on Rails application
- Streamlined onboarding and eased development by creating and setting up internal tools using Vagrant, Puppet, Bash, and git hooks

**Previous Experience**

- **Developer** at Competing Values, LLC. Oct 2012 – Aug 2014

**Skills**

- Interested in software architecture, maintaining and refactoring legacy software, and the tradeoffs to make in doing so
- Experienced with Rails 3.2 and onward in both large and small codebases. Well acquainted with HTML/CSS/JS, although frontend is no longer a focus
- Knowledgeable with git and its internal workings. Familiar with Linux command line tools and basic server administration

**Education**

University of Michigan – Ann Arbor  
College of Engineering  
BSE Computer Science  
Class of 2014

**Languages**

- Ruby/Ruby on Rails
- JavaScript/jQuery/Node.js/React
- SQL (MySQL, PostgreSQL)
- PHP
- C++
- Bash