

André Arko

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Skills

Ruby. Ruby on Rails applications designed, implemented, and deployed from scratch. 20k+ LoC legacy codebases maintained and extended. Data sources including MySQL, PostgreSQL, Memcached, Redis, and external APIs. Deployment to app servers including Unicorn, Passenger, and Mongrel, fronted by Apache, Nginx, and Haproxy. Development of well-tested code via Test-Driven Development as well as adding tests to legacy code, with both Test/Unit and RSpec.

The Web. Semantic markup written by hand to implement design mocks. Proponent and user of HTML5, CSS3, JavaScript, and a host of other standards-compliant buzzwords. Favored tools include Middleman, Haml, Sass, Compass, jQuery, and Ember.

DevOps. Full-stack system administration with a focus on Rails deployment, including automated provisioning, configuration, and deployment. Sole architect of a Chef-managed production environment containing 50+ servers, hosting multiple applications and services, for over 125,000 end users. Extensive experience managing sites hosted on dedicated servers, on Engine Yard, and on Heroku.

Open Source. Co-maintainer of the open-source Bundler gem, dependency manager for the Ruby language and a component of Rails 3+. Author of the jquery-rails gem, which integrates jQuery with Rails, a component of Rails 3.1+. Author of the haml-rails gem, which increases Haml integration with Rails 3. Maintainer of the gist gem, which provides a way to send text to Github's Gist service from the command line. Contributor to Homebrew, the open-source package manager for OS X.

Education

Bachelor of Science in Computing, May 2006
Biola University, La Mirada, CA
Torrey Honors Institute Graduate
Summa Cum Laude

G.P.A. 3.9

Employment History

October '12 – February '13

Open Source Lead at Mavenlink. (mavenlink.com)

San Francisco, CA

Extracted internal libraries for release as open source, maintained multiple external open source projects, and developed conference talk proposals. Provided internal consulting on Ruby and Rails issues, upgraded infrastructure, and paired with junior and mid-level developers for assistance and training.

June '12 – Present

San Francisco, CA

Software consultant at FileThis. (filethis.com)

Maintained, updated, and added new scripts to the FileThis fork of the Wesabe SSU project, used to automate the process of fetching monthly statements from a large variety of financial institutions and utility providers.

June '12 – December '12

Software consultant at Etsy. (etsy.com)

New York, NY

Updated legacy Rails application from Ruby 1.8 and Rails 2.2 to Ruby 1.9 and Rails 3.2. Provided emergency troubleshooting, security recommendations, and implemented fixes for many known and discovered security and functional issues.

June '12 – October '12

Software consultant at Fanfare. (fanfarentertainment.com)

Burlingame, CA

Took over development of a Rails application that provides musicians with an online storefront for sales of music, music videos, and instructional videos. Assisted with development of a Rails-based app providing a JSON API backend for iOS clients.

April '12 – May '12

San Francisco, CA

Software engineer at Tilde. (tilde.io)

Worked as a consultant with Square (squareup.com) to build their next generation user dashboard using the Javascript framework Ember.js. Built the Tilde website, and contributed to the Ember and ember-rails open source projects.

July '10 – April '12

San Francisco, CA

Software engineer at Plex. (plexapp.com)

Maintained, updated, and added features, unit tests, and integration tests to a legacy Rails application. Architected, designed, implemented, and automated deployment of a web service using Rails and Nginx that manages, updates, and routes requests for hundreds of Python HTTP servers. Designed and implemented a web application at my.plexapp.com that functions as the centralized coordinator of the Plex ecosystem, including user profiles, media queues, clients, and servers.

Dec '09 – July '10

San Francisco, CA

Software engineer at Engine Yard. (engineyard.com)

Worked on Bundler, an open source component of Ruby on Rails 3, as a member of the 3-person core team. Designed and implemented the first version of the Engineyard gem, a command-line tool for deploying Rails applications to Engine Yard's AppCloud. Maintained and extended the AppCloud application, written in Merb.

Oct '07 – Dec '09

Brea, CA

Software engineer at Wesabe. (wesabe.com)

Maintained and extended the primary application, written in Ruby on Rails. Extensively developed new frontend portions of the application using jQuery. Installed in-house tools for the engineering team to use, including CCRb, gitosis, and redmine. Helped develop open-source tools for company communication and git workflow, including Wesabot, git-tools, and git-commit-notifier, available at github.com/wesabe.

Jan '07 – Oct '07

Buena Park, CA

Ruby on Rails developer and project lead at i5Labs. (i5labs.com)

Worked with clients to design, develop, and deploy Rails applications. Projects include solo development of an application for ordering food (deliverywiki.com) and working with a team to develop a social networking site aimed at religious groups (circlebuilder.com).

Jan '06 – Nov '06

La Habra, CA

Ruby on Rails developer at ReziTech, Inc. (rezitech.com)

Developed and deployed multiple Ruby on Rails applications for ReziTech's clients, including a web storefront for selling mailers and flyers to realtors (wmfy.com) and a payroll management application. Designed, developed, deployed, and maintained an internal Rails application for customer relationship management.

May '05 – Aug '05

Buena Park, CA

Ruby on Rails developer for The University Centre (theucnet.org)

Designed, developed, and deployed a Rails application to provide online access to a conference hosted at Oxford and Cambridge Universities. The application provided a store to purchase access to the conference sessions, and enabled each viewer to have access to the transcript of each talk, the slides that accompanied it, and background material, all updated in real time while watching the video of the conference session.