

Brad Johnson

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Skills

Strong: Ruby on Rails, Ruby, React/Redux, JS/CSS/HTML, Heroku, Linux, AWS

Proficient: Docker, Elixir, SQL

Knowledgeable: Golang, Java, Spring Boot

Experience

Senior Server Engineer, DigiSight Technologies, March 2017 - current

- Lead migration of medical images from legacy disk storage to AWS. Improved image security, backup and disaster recovery abilities during the migration.
- Daily contributions to Ruby on Rails codebase. Assists with release planning, team coordination, API design, etc. Point person for customer support team needs.
- Lead successful adoption of Ruby performance monitoring tools. Drove developer usage of these tools resulting significant performance gains due to reduction in N+1 queries.
- Lead upgrade of the Rails codebase to Ruby 2.

Engineer, Coshx Labs, May 2015 – Feb. 2017

- Lead engineering work and delivered results for multiple clients. Hired, trained, and supervised two successful apprentices. Turned a short-term 1.5 FTE engagement into a multi-year relationship that grew to over 4 FTEs. Drove engineering quality on several teams, including git practices, test coverage, CI use, and style coherence.
- Delivered working code on the first day of all engagements. In addition to Ruby on Rails, wrote production code with React, Angular, Ember, and Backbone. Developed and released `ActiveJobStatus`, a Ruby gem for async job management.

Developer, Democratic Direct, July 2012 – May 2015

- Designed and implemented `DonorStack`, a web application that streamlines political campaign finance disclosure. Responsible for all aspects of `DonorStack`, including project management, development, user testing, deployment, performance, and bug fixes. `DonorStack` handled legal compliance for 43 political campaigns and reported over \$700,000 in political donations in the first year.
- Created `Clipboard.app`, a simple solution for non-profit donor outreach that uses inexpensive Android tablets as virtual clipboards.

Operations Director, Democratic Direct and Evolve July 2010 – July 2012

- Co-founded `Evolve`, a membership-based political nonprofit. Designed, implemented, and managed a canvass-based membership outreach program. Broadly responsible for all aspects of `Evolve`'s operations from credit card security to employment regulations to network infrastructure.
- Designed, pitched, and managed a successful membership canvass for *The Bay Citizen*, an online journalism organization partnered with the *New York Times*. Reduced *The Bay Citizen*'s membership acquisition cost by approximately 33%.
- Created an open-source web application to process recurring donations, track supporters, and generate payroll for `Evolve`. Still in use, this application has processed over 20,000 donations.

Previous Political Work, Various Organizations, 2002 – July 2010

- Held a variety of political organizer and management positions at the Sierra Club and State Public Interest Research Groups. Details available on request.