Bethany Watson

Motivated software developer with over 3.5 years of professional experience. Skilled in full-stack web development and legacy software system support. Specialized in back-end technologies.

bethanyvwatson@gmail.com
(607) 216-7715
www.bethanywatson.me
github.com/bethanyvwatson

Technical Competencies

Languages: Strong in Ruby, SQL, HTML. Knowledgable in JavaScript, JQuery, CSS/SASS.
Frameworks/APIs: Ruby on Rails, RSpec, Unit Test, Bootstrap, Backbone.js, Stripe, Fastly
Tools/DevOps: Heroku, Pivotal Web Services, Jenkins, Digital Ocean, pSQL, GitHub, AWS

Professional Experience

Software Engineer, GiveGab Inc. May 2014 - Oct 2017

Transitioned www.givegab.com from a "social network for volunteers" into a software suite offering diverse fundraising tools for nonprofits. Expanded existing volunteer-based features to include: fundraising campaign, supporter analytics, and a donor CRM. Created a framework for rapidly producing white-label fundraising-marathon websites ("Giving Days"). Actively developed over 25 "Giving Day" applications. See: info.givegab.com/all-giving-days

- Key developer (1/3) of the API that now supports 25+ "Giving Day" fundraising applications.
  - Apps processed over $12 million in online donations for nonprofits in 2017.
  - API proven to withstand spikes of 3k req/min, some 24-hr averages of 1990 req/min.
- Created polymorphic in-app survey system to fulfill 5 unique business needs.
- Reduced the size of "Giving Day" prize administration teams from 3+ to 1 for each app.
  - Initiated, led development of a prize management API and dashboard.
- Led back-end design and development for a complex CSV importer that:
  - Dynamically determined acceptable column headers for each new CSV upload.
  - Employed ActiveRecord Transactions to safely map row contents to object attributes.
- Implemented 4 diverse payment forms, including ApplePay and batch-payment processing.
- Excelled in management duties for 4 weeks as a substitute engineering supervisor.
  - Led team of 3 engineers through a complete redesign of event registration features.
  - Conducted the interview for an engineer that management later hired.
- Enthusiastically mentored 2 junior developers.
  - Led monthly check-ins, delegated challenging development work.

Development Intern, GiveGab Inc. Jan 2014 - May 2014
Delivered features/bug fixes and improved RSpec test coverage for volunteer-based software.

- Promoted to full-time software engineer after 5 months.
- Learned Ruby on Rails on the job.

Selected Side Projects https://www.github.com/bethanyvwatson

The Scribble Store - An image gallery app for collecting collaborative scribble art. Written as a Rails Engine; employs CarrierWave, back-end cropping, and AWS for image uploads.

Racko - Taking turns, players race to sort their racks of cards into chronological order. Terminal-based gameplay; developed in pure Ruby and packaged with "Traveling Ruby."

Education

B.S Computer Science, Binghamton University