JOHN BERRY

SENIOR SOFTWARE ENGINEER

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Profile

Creative, patient, battle-tested developer with over 12 years of experience building, maintaining, and scaling software for the web. A proud generalist and autodidact who prefers small, focused, nimble teams that work smart and minimize friction in the dev process (TDD, gitflow, continuous deployment.) Currently looking to join a dev team that will challenge and inspire me, one where I can write code that I'm proud of while building a product that I love.

Skills

Full-stack Web Development

7+ years building and maintaining production Ruby on Rails apps at scale. Excellent knowledge of Ruby, JS/Coffeescript, CSS, and the related technologies that let them play nicely together. Lots of experience finding and fixing bottlenecks in critical-path code (e.g. hand-crafting crucial SQL queries, adding caching/memoization.)

Linux Sysadmin/Operations

3+ years administering a farm of 50+ dedicated servers running a complex webapp with near 100% uptime. Significant experience designing and deploying load-balanced clusters of HTTP servers and caches using haproxy, nginx, unicorn, memcached, and redis. Etsy "Measure Everything" fanboy.

MySQL Server Administration

Significant experience designing, deploying, and administering a cluster of high-performance MySQL servers with automatic failover, replication, read-only slaves, and offsite backups.

Technical

Ruby (Rails, Sinatra)	Javascript (Node.js, Backbone)	Python
Java	RDBMS (MySQL, PostgreSQL)	In-memory Caches (memcached, redis)
AWS	Monitoring (Nagios, Cacti)	Graphing/Dashboards (Graphite, statsd)
TDD/BDD	Internationalization	iOS/Android App Dev

Experience

Self-Employed
Consulting Software Engineer   2015-present

Full-time software engineering on a contract basis. Current projects include full-stack Rails development for an early-stage health/wellness startup in San Francisco and a more exploratory project involving music and machine learning.

Heirloom Technology, Inc.
Head of Platform   2014-2015

Built and maintained API endpoints (Ruby on Rails) and infrastructure (Heroku) running Heirloom's API-driven photo management apps. Wrote a scalable "chunked" photo uploader in Node.JS/Express, deployed to AWS Elastic Beanstalk, and added client support in Heirloom's iOS and Android apps.

Lumos Labs, Inc. (Lumosity)
Rails Engineer, Director of Operations, Director of Eng., VP of Product Eng.   2009-2014

Built, scaled, and supported Lumosity's Rails app through several years of explosive growth. Deployed servers, tuned databases, migrated hosting providers, set up CDNs, fought off DDoSes, among many other things. Led the Operations team and eventually the Product Engineering team as the company grew.