

Overview

- Experienced, dependable and driven software engineer.
 - Broad experience with a wide variety of open-source tools and technologies.
 - Strong focus on web technology, including front-end, back-end and operations.
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Core Skill Set

- **Ruby:** Rails, Sinatra, Eventmachine, RSpec, Resque, Bundler, Unicorn, Capistrano.
 - **Front End:** HTML5, CSS3, Haml, SASS, Javascript (jQuery mostly), AJAX, Mustache.
 - **PHP:** 5 years experience, last used 2009, CakePHP 1.1.
 - **HTTP:** Apache, Passenger, HAProxy, Nginx, Squid, REST.
 - **Databases:** MySQL, Riak, Redis, SQL.
 - **Operating Systems:** OSX, Linux/BSD (Ubuntu).
 - **Miscellaneous** AMQP, RabbitMQ, Memcache.
 - **Operations:** AWS (EC2, S3, EBS, ELB), Zabbix, Chef, troubleshooting.
 - **Source Control:** Git, Subversion.
 - **Development Practices:** MVC, TDD/BDD, SOLID, continuous integration.
 - **Dabble In:** Erlang, Python, Java, Scala, C.
 - **Non-Technical:** UX, project management, agile development practices.
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Open Source

- Author of [Distillery](#), a ruby gem to extract the content portion of an HTML document.
 - Author of [Gazette](#), a ruby gem to interact with the [Instapaper Simple API](#).
 - Author of [rspec-encoding-matchers](#), a gem providing RSpec custom matchers for string encodings in Ruby 1.9.
 - Maintainer of [http_status_exceptions](#), a Rails plugin to use exceptions for generating HTTP status responses.
 - Further contributions to [Rudy](#), [Ripple](#) and [guard-rspec](#).
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Work Experience

Senior Software Engineer

SEOmoz, Seattle, WA | Nov 2009 – Present

- Helped design, develop and create Rails campaign manager application, servicing 30,000+ active customer campaigns daily.
- Created initial version of crawl diagnostics feature and backend crawl processing pipeline. System processed millions of URLs daily from external crawler, producing weekly diagnostics reports for customer campaigns.
- Architected and developed application sharding solution, allowing further growth and scalability of existing Rails application and supporting infrastructure.
- Designed, developed and launched rankings service to successfully collect and process 2.5 million+ rankings per week. Implemented using Resque, Sinter, Redis and Riak.
- Developed single sign-on solution to standardize user authentication across all SEOmoz applications.
- Architected and created HTML, Javascript and CSS for company-wide shared navigation. Utilized mustache templating engine to share templates amongst PHP and Ruby applications.
- Worked closely with operations engineers to monitor, diagnose, troubleshoot and fix operations issues across a variety of technology stacks.
- Integrated user accounts and billing system with Infusionsoft CRM product.

Chief Technology Officer

SEOmoz, Seattle, WA | September 2007 – October 2009

- Oversaw all SEOmoz engineering efforts, including personnel management, high-level technology strategy, implementation and day-to-day project management.
- Led and managed hiring efforts to grow development team from two to eight developers. Conducted weekly one-on-one meetings with all engineering team members.
- Established software development processes and best practices, such as source control, agile development methodology, unit testing and deployment standardization.
- Designed and developed upgraded customer accounts and billing system. New system offered a more modern, user-friendly and integrated user experience. Further upgraded system to be capable of selling DVDs and other physical items.
- Designed and developed the first version of the SEOmoz Firefox toolbar. Integrated toolbar with Linkscope API and user authentication system, allowing certain toolbar features for specific customer SKUs.

Web Developer

SEOmox, Seattle, WA | June 2006 – August 2007

- Developed SEOmox SEO Services Marketplace, used by thousands of SEO professionals to post résumés, job openings and project proposals.
- Completed many web development projects for SEOmox consulting clients, including eCommerce implementations and custom CMS solutions.
- Maintained and added new features to the main SEOmox website.

Web Developer

Florentine Design Group, Bothell, WA | December 2005 – June 2006

- Worked on a variety of client websites, mostly on customized eCommerce installations.
- Created AJAX-powered wedding invitation customization application.

Education

B.A. Geography, Geographic Information Systems (GIS)

University of Washington, Seattle, WA | 2005

Other Interests

- Passionate listener of all kinds of music — from Apparat to Zero 7.
- Beer lover and part-time home brewer.
- Airplane nerd.
- Proud owner of a rambunctious shelter dog.

References

References available upon request.