

## 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, RSpec, Resque, Bundler, Unicorn, Capistrano, metaprogramming.
  - **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, REST.
  - **Databases:** MySQL, Riak, Redis, SQL.
  - **Operating Systems:** OSX, Linux/BSD (Ubuntu).
  - **Miscellaneous** AMQP, RabbitMQ.
  - **Operations:** AWS (EC2, S3, EBS, ELB), Bash, server setup and 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

Software Engineer

# Experience

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, Sintara, 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 Linkscape API and user authentication system, allowing certain toolbar features for specific

customer SKUs.

## Web Developer

SEOmoz, Seattle, WA | June 2006 – August 2007

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

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## *Education*

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

University of Washington, Seattle, WA | 2005

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## *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.

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## *References*

References available upon request.