

# Andy Rusterholz

1437 W Balmoral Ave, Apt 2S  
Chicago, IL 60640  
andy@rusterholz.org  
(651) 270 0152

## SKILLS

- ▶ **Proficient with:** AJAX, AWS, Apache, Bash, Bootstrap, CoffeeScript, CSS, EC2, Git, HAML, HTML, jQuery, Javascript, JSON, LAMP, Linux, MySQL, OS X, PaaS, PHP 5, PostgreSQL, Puma, Redis, RSpec, Rails 3 & 4, Ruby 1.9 & 2, Sidekiq, SQL, S3, SSH, SSL, WebSockets
- ▶ **Functional with:** Agile methodology, Backbone, BDD, Chef, Cucumber, DevOps, DHCP, DNS, Fuel CMS, Java, SOLR, TDD, Windows, XML, Zend
- ▶ **Used previously:** BIND, C, C++, Confluence, Eclipse, Hibernate, iBatis, JSP, JUnit, Oracle, Nagios, Rational, Spring Framework & Spring Batch, Subversion, Waterfall methodology

*I'm a full-stack Ruby on Rails developer with over seven years of work experience.*

*I've worked on web apps at all scales, from enterprise apps for multinational corporations, to small internal business apps for startups.*

*I have experience at many layers, from client-side script to physical infrastructure, equally comfortable debugging a failing background job and replacing a failing RAID card.*

## WORK EXPERIENCE

**Senior Developer** June 2014 - Present

**Web Developer** October 2011 - June 2014

Brain Hurricane, LLC, Chicago, IL

- ▶ Responsible for a new version of a business-critical internal web application, using **Ruby on Rails 3.2, jQuery, and PostgreSQL 9**, deployed on **Engine Yard** PaaS. Performed all design and development. Wrote behavioral tests using Cucumber and unit tests using RSpec. Oversaw migration to new version, wrote documentation, and trained end-users on new functionality.
- ▶ Responsible for all development and support of the legacy version of the above application, built on **PHP 5, Javascript, and MySQL**, deployed on **Amazon AWS EC2**. Added new features while maintaining legacy functionality. Refactored application architecture to improve stability and responsiveness. Developed a financial tracking feature, helping save the company over \$750K in lost revenue. Helped improve business processes to reduce the rate of payroll errors by a factor of 10.
- ▶ Maintenance and development of a large (1000's of users) customer-facing web application for partner company Wowzers, LLC, using **Ruby on Rails 3.2, jQuery, and PostgreSQL 9**, deployed on **Engine Yard** PaaS. Worked on a small agile-style team responsible for all feature development, testing, deployment, and maintenance. Refactored legacy code to improve user interface based on data from **MixPanel** analytics.
- ▶ Performed basic maintenance and server administration for static company website using **Ubuntu Linux, Apache, and Fuel CMS**, deployed on **Amazon AWS EC2**. Primary person responsible for company's domain registrations, DNS records, and SSL certificates.

Some of my favorite gems:

ancestry  
attribute\_normalizer  
better\_errors  
cancan / cancancan  
carrierwave  
chronic  
clockwork  
default\_value\_for  
devise  
factory\_girl\_rails  
faker  
fog  
foreman  
geocoder  
hirb  
kaminari  
letter\_opener  
paloma  
paper\_trail  
sidekiq-status  
state\_machine  
timecop  
xray-rails

**Genius** October 2009 - October 2011

Apple, Inc., Northbrook, IL

- ▶ Triaged and performed troubleshooting on computers, phones, and consumer electronics. Repaired laptop and desktop computers and cellular phones. Made decisions regarding warranty coverage and exceptions. Educated customers and other employees on software and hardware use.

Find more at <http://rusterholz.org>

**Contractor** March - May 2009

TekSystems, Schaumburg, IL

- ▶ Maintained a large (1000's of users) custom web application for Astellas Pharma US, Inc., using **PHP 4, JavaScript, and Oracle 11**. Analyzed application to identify and resolve sources of performance issues. Assisted other developers with integration of **jQuery** framework into existing codebase. Assisted database administrators with debugging of SQL queries. Wrote test scripts and technical documentation.

**Analyst** January 2007 - January 2009

Accenture, Chicago, IL

- ▶ (2008) Planning and design for a very large (10000's of users) custom enterprise web application for JPMorgan Chase & Co. Developed proof-of-concept application using **Java EE 5, Spring Framework, and Hibernate** to prototype integration of component technologies. Evaluated and selected testing frameworks for development team. Assisted with presenting architectural design for client review.
- ▶ (2008) Development of a redesigned international customer-facing web application for Hilton Hotels Corporation, using **Java EE 5, JSP, and iBatis**. Member of the team responsible for developing all user interface functionality, including view and controller logic and client-side scripting.
- ▶ (2007-2008) Development of a large (1000's of users) custom web application for the Illinois Department of Employment Security, using **Java EE 5, JSP, IBM RAD, Spring Framework, and iBatis**. Member of the team responsible for developing all business services and batch processing logic.
- ▶ (2007) Assisted with a very large enterprise SAP installation and customization project for PepsiCo, Inc. Compiled and analyzed data on the progress of the testing phase of the project. Built an automated tracking solution with Excel spreadsheets to streamline feedback and communication between testing teams and client.

## VOLUNTEER EXPERIENCE

**Junior Systems Administrator / Programmer** May 2007 - May 2011

Anime Central (MAPS), Rosemont, IL

- ▶ Shared responsibility for configuration, deployment and operation of on-site network and **Linux** server cluster, handling all ticketing and payment processing for an annual event attracting 23,000+ people. Redesigned network infrastructure to improve stability, redundancy, and fault tolerance.
- ▶ Designed, developed, deployed, and maintained a large (1000s of users) customer-facing web application for online registration and ticket purchasing, using **PHP 5, Zend Framework, Javascript, and MySQL**.
- ▶ Designed, developed, deployed, and maintained a midsize (100s of users) internal web application to streamline operational management of event security, using **PHP 5, Javascript, and MySQL**. Redesigned user interface and refactored code to improve usability, stability, and responsiveness.
- ▶ Administered and maintained a small **Linux / Apache** server installation hosting the event website with 80,000+ hits daily. Assisted with migration from colocation facility to virtual hosting.

## EDUCATION

**University of Wisconsin - Madison, B.S., Computer Engineering**, December 2006