PAUL SADAUSKAS

SENIOR SOFTWARE ENGINEER

✉ EMAIL
paul@sadauskas.com

WEBSITE
blog.theamazingrando.com

GITHUB
github.com/paul

Passionate about the craft of creating software

My passion is creating software that is a joy for fellow developers to both use and contribute to. I am motivated to hone my craft of software development, to learn as much as I can about better ways to accomplish complicated tasks, and to build tools that are elegant, robust, and reliable.

› PROFESSIONAL EXPERIENCE

ENGINEER @ Librato   *Dec 2012 - Present*

Architected and implemented a queue/worker system in Ruby to import users' AWS Cloudwatch data into Librato Metrics
Drove greater adoption of hypermedia concepts in the Librato API, both external and internal
Took charge of a website security audit and fixes to user-facing websites and APIs

API DEVELOPER @ GitHub   *Jun 2012 - Nov 2012*

Helped design and implement hypermedia APIs for extracted micro-apps to communicate with the main app and each other
Made upgrades to various aspects of the GitHub API, and communicated those changes to users
Improved tooling for generation of documentation of the GitHub API

SENIOR SOFTWARE ENGINEER @ LivingSocial   *Nov 2011 - Jun 2012*

Took part in upgrades and enhancements to the email newsletter and notification delivery system
As a member of the API team, drove adoption of hypermedia APIs as part of a SOA refactor
Helped refactor a large Rails app by following the principles of TDD and Martin Fowler's *Refactoring*

SENIOR SOFTWARE ENGINEER @ Strobe   *May 2011 - Oct 2011*

Implemented a "ChatOps" continuous deployment system using Campfire and Chef
Created from scratch the Chef cookbooks and recipes to deploy the entire Strobe infrastructure to AWS
Set up a JenkinsCI cluster for continuous builds of Ruby/Rails, C++ and Clojure applications
Assisted other team members in getting their projects in CI and Chef for deployment
Helped implement a CDN/Caching proxy for customer assets in Clojure and Riak

SENIOR SOFTWARE ENGINEER @ Absolute Performance   *2006 - May 2011*

Rewrote an existing monolithic Perl web application into multiple Rails applications
Architected and developed new applications to interact with the main apps by hypermedia APIs
Accomplished an order of magnitude improvement in capability by implementation of HTTP caching
Revamped procedures to ship and deploy applications in various languages to remote customer sites
Implemented new features in various NoSQL databases, TokyoTyrant, MongoDB, and Redis
Encouraged the team to adopt automated Unit and Functional testing, as well as agile methods
Engaged in continuous deployment on non-cloud physical hardware at various customer locations
Invovled as primary architect of all layers of the stack, from Javascript UIs to database schemas

SENIOR WEB DEVELOPER @ InputOutput Unlimited   *2002 - 2006*

On a contract basis, implemented numerous web applications in PHP and later in Rails
Created specifications and designs from (sometimes ambiguous) customer and stakeholder requirements

› NOTABLE OPEN SOURCE PROJECTS

Resourceful

Implementation of a fully RFC2616-compliant HTTP/1.1 client in Ruby
Includes support for advanced features of HTTP, including support for redirects and caching with pluggable backends
Used to build other abstractions, such as object mappers for REST/Hypermedia APIs

progress_bar

A very simple implementation of a CLI progress bar, similar to the output of cURL
Mentored contributors to keep thier pull requests small, focused, and well-tested
It was originally intended primarily for personal use, but is not a dependency of several popular projects

DataMapper

Heavily involved in design and implementation of DataMapper, and preparing for release of 1.0

Responded to issues and pull requests, and mentored new developers to get involved
Redesigned and implemented DataMapper Adapters interface
Designed and implemented Migrations plugin

Merb

Heavily involved in design and implementation of Merb, preparing for release of 1.0
Implemented support for conditional GET requests (304 response/Etag)
Implemented correct handling of HTTP Accept header including negotiating client and server priorities

Collectd

Contributed the tokyo-tyrant collection plugin
Contributed the write-http plugin, which will submit collected measurements via libcurl to an HTTP server

Additionally, I have made small code contributions to numerous other OSS projects, including Rails, Rack, Awesomewm, and Arch Linux.

>CONFERENCE TALKS

Forms Don't Have to be this Complicated Mountain.rb - Oct 2010

How HTTP Already Solved All Your Performance Problems 20 Years Ago MountainWest RubyConf - Mar 2010

Writing Adapters for DataMapper MountainWest RubyConf - Mar 2009

>PROFESSIONAL SKILLS AND TOOLS

Ordered by proficiency

Rails
Ruby
HTTP
HTML/CSS
Coffeescript
Postgres
Javascript
Linux
Vagrant
Chef
AWS
Bash/zsh
Docker
Redis
MySQL
Riak
Go
Cassandra
Python
Clojure

DOWNLOAD RESUME
Markdown/txt   PDF   Source