

Josh Rendek

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Introduction

I have a passion for optimizing and analyzing systems to get the most performance out of an application. I also enjoy opportunities to work with Big Data and applications at scale. I love duck typing and learning new languages and consider myself to be apart of the devops and polygot developer cultures. I also enjoy learning how to optimize tasks through concurrency and working on distributed systems as well as screen scraping and data mining.

Skills

Languages:

- Ruby (*2008-Present*) — Java (focus on Android) (*1.5 Years*) — HTML, CSS, JavaScript (*2005-Present*)
- C (*2 Years*) — Python (*1.5 Years*) — PHP (*2007-2011*)

Databases:

- MySQL (*2006-Present*) — MongoDB (*2011-Present*) — ElasticSearch (*2012-Present*) — Redis/Memcached (*2011-Present*)

Frameworks:

- Rails (*2008-Present*) — Rspec (*2010-Present*) — Sinatra (*2010-Present*)

Operating Systems:

- Mac OSX — Debian-based distros (*2010-Present*) — Redhat-based distros (*2005-Present*) — Windows
- FreeBSD(5-7) (*3 Years*)

Other:

- Chef (*2012-Present*) — Zabbix (*2012-Present*) — Vim — Data mining — Git — nginx — unicorn — LigHTTPd — mongrel — thin — Apache — SendMail — Postfix — Dovecot — SpamAssassin — Photoshop

(Learning):

- PostgreSQL — Erlang — Scala — C#

Work Experience

GFI Software

Software Engineer & DevOps

Clearwater, FL

July 2012-Present

- Overview
 - Promoted and created a disaster recovery plan with testing
 - Focused on security in the Cloud
 - Research into different database systems to meet requirements for searching
 - Implemented and focused on Infrastructure as Code with Chef
 - Focus on metrics and monitoring to track all levels of applications and systems
 - Capacity and infrastructure planning and evaluation to ensure efficient resource utilization
 - Focus on documentation and standardization
 - Planning and implementation of different solutions to solve Big Data problems
 - Continued maintenance on various Rails 3.x applications to support internal development efforts and needs
 - Developed libraries and standard APIs for customers to utilize

Department of Management Services, State of Florida

Software Engineer & Systems Configuration, Applications Programmer III

Tallahassee, FL

October 2011 - July 2012

- Overview
 - Promoted TDD and a better focus on testing and documentation
 - Lead the migration from Solaris/Apache/Passenger to CentOS/Nginx/Unicorn
 - Lead the migration from REE to 1.9.x
 - Re-designed UI using bootstrap, promoted as standard look and feel for all applications
 - Promoted the use of modern project management software and development life cycles
- FLEET Tracking System
 - Rails 3.x, MySQL backend
 - SASS, Delayed Jobs
- Other Applications
 - Rails 2.3, 3.x MySQL backend
 - Involved in maintenance of legacy applications and documenting those systems

BlueScripts L.L.C.

Tallahassee, FL

Owner

2008-Present (Incorporated 2011)

- [Classopoly](#) (2011-Present)
 - Project that takes the FSU course list (scraped from the website) and allows a student to plan their semester with friends
 - Integration with Facebook and ISBN Db
 - Source available at <https://github.com/bluescripts/classopoly/>
- FSU Psychology Android Tablet Application (2011)
 - Application to track people moving through parking lot by observation through drawing on an overlay
- [Servly.com](#) (2009-Present)
 - Designed the main sales page and integrated WHCMS with Servly Rails App
 - Developed and Designed the entire application
 - Optimized database and server configurations for high concurrency
- [Notecardapp.com](#) (2008-Present)
 - Note card application for studying cards online
 - Integration with Facebook

Orlando Philharmonic Orchestra

Tallahassee, FL

Software Engineer, Consultant

August, 2009 - Present

- Developed a custom Rails 2.3 shopping cart application focusing on the way Orchestra's do business
- Minimal graphics work
- Wordpress management and staff training

BlueLite L.L.C.

Tallahassee, FL

Software & Systems Engineer, Vice President

2010 - October, 2011

- Created a Rails 3 billing and software management system and integrated with Authorize.net CIM
- Maintained and setup the linux servers
- Maintained the test environment using virtual machines

Underground Tournaments L.L.C.

Tallahassee, FL

Software & Systems Engineer, Partner

2005 - October, 2011

- Created a client/server communications system in PHP to manage Ventrilo services

- Created a custom billing solution that integrated with PayPal and Authorize.net
- Created a custom server monitoring solution
- Maintained and setup FreeBSD 5.x-7.x and CentOS servers
- Created the client and administration user interfaces and graphics
- Helped answer customer support
- Used MySQL as the backend for all services
- Created a reseller system with a Ruby on Rails backend and a PHP front end
- Created a refresh of the billing system in Ruby on Rails
- Managed over 20 servers across the country and diagnosed and analyzed network and performance issues

MyGuildHost L.L.C.

Software & Systems Engineer

Tallahassee, FL

2008 - October, 2011

- Designed the sales website, several templates, and the administration interface
- Created a custom content management system with a focus on the gaming community
- Integrated with UltraDNS for managing server distribution

FragNServers L.L.C.

Software & Systems Engineer

Tallahassee, FL

2007 - 2008

- Created a client/server communications system in PHP to manage game servers and services
- Created a custom billing solution
- Managed FreeBSD 6.x servers, and setup sendmail + Spam Assassin

HearMeRoR.org

Personal Project

Tallahassee, FL

2010 - Present

- A work in progress. Intended to be a community site focused on sharing code snippets, ideas, designs, and questions.

Florida Fund Foundation

Designer & Site Administrator

Tallahassee, FL

2008 - Present

- Created a design and integrated it with Wordpress
- Created a custom forms application to take business and application information.

Capitol Alliance Group

Designer & Site Administrator

Tallahassee, FL

2008 - Present

- Created a Flash intro animation
- Created a design and integrated it with Wordpress

Sharkey's Coffee

Software Engineer & Site Administrator

Tallahassee, FL

2008 - 2010

- Created a design and integrated it with Wordpress
- Created a custom online ordering system in Rails 2.3 to accept orders online and deliver them in-store via fax