

# Josh Rendek

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## Introduction

I love working on hard problems, system and test automation, scaling/performance problems, and data mining. I always want to be learning new things and finding the right solution for the problem at hand. I am a fullstack developer and love helping others learn. I also enjoy writing from time to time on my blog.

## Skills

### Languages:

— Ruby (and JRuby) (*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:

— PostgreSQL (*2013-Present*) — MySQL (*2006-Present*) — MongoDB (*2011-2013*) — ElasticSearch (*2012-Present*) — Redis/Memcached (*2011-Present*)

### Operating Systems:

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

### Other:

— Rails (*2008-Present*) — Torquebox — Rspec (*2010-Present*) — Sinatra (*2010-Present*) — Chef (*2012-Present*) — Zabbix (*2012-Present*) — Vim — Data mining — Git — nginx — unicorn — LigHTTPd — mongrel — thin — Apache — SendMail — Postfix — Dovecot — SpamAssasin

### (Learning):

— Erlang — Scala — C#

## Work Experience

### ThreatTrack Security (formerly a part of GFI Software)

*Software Engineer & DevOps*

Clearwater, FL

*June 2012-Present*

Implemented and gave presentations on the usage and reasons to use Chef for configuration management. Strong focus on monitoring and root cause analysis in addition to capacity planning. Continued to create and improve documentation for systems. Created a LISP-like lexer to translate from S-Expression into ElasticSearch query syntax. Heavy focus on JRuby and end-user deployment with automation and testing. Mostly used Ruby, also used Java and C# depending on the problem being solved. Researched various malware analysis tools and how to use them. Focused on TDD and automation for development tasks to minimize regressions.

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### Department of Management Services, State of Florida

*Software Engineer & Systems Configuration, Applications Programmer III*

Tallahassee, FL

*October 2011 - July 2012*

Promoted a better environment for testing and documentation. Migrated software stacks from Solaris/Apache/Passenger to CentOS/Nginx/Unicorn and REE to 1.9.3. Re-designed the UI of several applications using Bootstrap. Promoted the use of JIRA and Github for issue and source control. Mixed Rails 3 and 2 environment.

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**BlueScripts L.L.C.***Owner*

Tallahassee, FL

*2008-Present (Incorporated 2011)*

Scrapes the FSU course list and allows a student to plan their semester with their friends. Integrates with Facebook and the ISBN db for book purchases. Source available:

<https://github.com/joshrendek/classopoly/>

**FSU Department of Psychology**

Android tablet application that allowed a user to upload images and then draw on an overlay to track movement through the parking lot.

**Servly.com**

Server monitoring application written in Ruby on Rails, eventually open sourced and ported to JRuby.

**NotecardApp.com**

A simple notecard application that integrated with facebook for creating flashcards.

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**Orlando Philharmonic Orchestra***Software Consultant*

Tallahassee, FL

*August, 2009 - Present*

Developed and maintained a shopping cart in Rails 2.3 with a focus on user experience. Configured and maintained Wordpress installation.

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**BlueLite L.L.C.***Software & Systems Engineer, Vice President*

Tallahassee, FL

*2010 - October, 2011*

Created a billing system in Rails 3 for software management and purchasing with integration to Authorize.net CIM. Setup and maintenance of various linux servers and test environments.

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**Underground Tournaments L.L.C.***Software & Systems Engineer, Partner*

Tallahassee, FL

*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.

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**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.

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