

Zongsheng Li

7386 Calle Real, Goleta, CA

lizongshenglzs@gmail.com 310-890-5403

Education

Sep,2012--March,2014

Computer Science Department, UCLA

Master of Science

GPA: 3.48

2008--2012

Department of Computer Science and Technology, B.S.

Harbin Institute of Technology

GPA: 3.86

Full Stack Ruby on Rails Developer at Appfolio:

Owner Portal:

Created an owner portal for owners to check packets and attachments.

Integrated owner portal login with Appfolio Property Management using REST API, so PM can easily control access.

Used new relic metrics to make decisions and iterate.

Wrote unit test, controller test, selenium test and integration test

Lost-app:

Created a 'lost-app' which is a rails app to configure netScaler(load balancer) for vhosts on the fly based on the information getting from zookeeper.

Solved some vhosts may not be found problem due to DNS propagation delay when moving vhosts(users) between data centers.

HA:

HA solr: upgraded solr34 to solr48 to make use of cloud solr and made solr highly available by making replica and round robin through them.

HA queue system:

HA producer: used zookeeper to do leader election for multiple producers

HA consumer: rewrote code to connect to another queue if one queue is down.

HA queue: use rabbitmq cluster to support HA

wrote ruby restart script for monitoring and restarting different components.

Puppet ruby on rails machine:

Puppeted ruby on rails stack on CentOS, Installed rabbitmq, nginx, passengers

More secure strong parameters

Created a gem to wrapped strong parameter and only provided permit, require, [] as interface so developer will not accidentally permit parameters by using symbolize_keys.

Penetration test

Resolved security warnings including mass assignment, CSRF, XSS, SQL injection, dangerous send, dynamic path render.

Ruby upgrade

Did ruby gem and rails app upgrade from rails 3.1 to rails 3.2, from ruby 1.8.7 to ruby 1.9 and 2.0.

Side projects:

Built pawclinic.com on aws and staging.festif.ly on linode from scratch using rails, html, css and javascript.

Technical skills:

Programming language: Ruby(proficient),JAVA, C++

Web design and programming: HTML, CSS, javascript