

Justin Francesconi

justin.francesconi@gmail.com | (925) 353-0726

TECHNOLOGY

OS: Ubuntu, RHEL/CentOS, Debian
Languages: Python, perl, bash, awk, sed, light ruby
Monitoring: Nagios, ganglia, graphite
Cloud: Amazon AWS (ec2/s3), joyent
Database: MySQL, sqlite, postgres
Distributed Data: Hadoop and components (hbase, hive, zookeeper, etc)
NoSQL: Redis, cassandra
Services: OpenLDAP, bind, OpenVPN, samba
Web: Apache, memcached, haproxy, nginx
Development: subversion, git, artifactory, hudson/jenkins
Config Management: Puppet, chef
Certification: CCNA (cisco networking)

EXPERIENCE

Systems Engineer

Eventbrite

December 2012 - March 2014

Participate in the maintenance, improvement, and monitoring of a large, multi-site production application environment. Work closely with developers to plan and design an infrastructure for new features, as well as optimize current features. Work with developers to debug various issues in Django applications/ETL processes. Participate in weekly/daily releases. Create and test new or updated implementations of existing infrastructure, such as moving from Hadoop CDH3 to Hadoop CDH4. Plan and transition ganglia to graphite. Assist in removing technical debt. Rolled out nagios NSCA passive monitoring. Manage massive traffic spikes caused by on-sales of high demand events. Refactored many puppet manifests to optimize the length of puppet runs.

Operations Engineer

TubeMogul

November 2009 - November 2012

Monitor and maintain over 600 production servers globally. Developed custom haproxy build specific to our infrastructure needs, working with the creator of haproxy along the way. Designed and built custom scaling daemon to scale down a large cluster of servers based on traffic patterns; went from running 140 servers consistently to an average of 65 servers over a 24 hour period. Built custom nagios plugins for a vast array of services. Managed MySQL backups of a 40 server cluster. Instrumental in transitioning the entire infrastructure into a highly available environment and reducing single points of failure. Designed custom release solution to perform distributed releases of applications to large clusters. Implemented puppet and built countless manifests and modules to be used site-wide.

DC Operations Lead
PEER1 Hosting
September 2008 - May 2010

Tasked with leading a team of operation engineers to monitor, troubleshoot, and maintain over 1,800 internal and managed systems. Developed applications for internal usage to automate processes. Built a software based testing system to quickly test over 3,000 hard drives reducing the testing time from 8 months to 1 month. Installed and configured various Linux distributions both over PXE and manual installs. Configured Cisco routers, switches, and firewalls. Configure F5 load balancers.

Systems Administrator
The Music Link
December 2007 - October 2008

Managed day to day operations for a live production environment. Configured and maintained backups of all servers using bacula. Responsible for troubleshooting both Linux and Windows OS issues. Maintained network.