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Sailthru: Senior Systems Engineer: 01/15 - Present

- Replace Chef stack with Ansible+Jenkins
- Automate full stack AWS deployments
- Support hundreds of servers; both physical (colo) and virtual (Amazon EC2).
- Design and maintain Elasticsearch cluster; focus on storage and document retention.

Reliant: Senior Systems Engineer: 02/09 - 06/14

- Design and build all aspects of configuration management using Puppet; focus on scalability. [2]
- Prototype a new "on demand" bootstrap using Docker by way of its API.
- Support legacy Opensolaris footprint with a focus on migrating to Debian GNU/Linux.
- Integrate 24/7 monitoring into configuration management infrastructure. [3]
- Migrate away from Nagios over to Sensu for improved monitoring.
- Write various integration tools and scripts to reduce manual labor and automate processes.
- Improve collaboration and work flows through standardization and high quality wiki documentation.

24/7 Real Media: Senior Systems Engineer: 11/06 - 02/09

- Automate 500+ servers using Puppet; a free software configuration management solution.
- Provide 24/7 monitoring of application work flow using Cacti and Nagios.
- Move Operations team over to a proper version control system.
- Manage critical services such as LDAP, NFS, Yum, and DNS across multiple data centers.
- Provide on-call support to NOC.
- Work with development team to automate and monitor all aspects of internally developed applications.

Visual Trading Systems: Linux Systems Administrator: 10/05 - 11/06

- Design highly available messaging solution using Postfix, DBMail, Horde, and Maia MailGuard.
- Support a broad range of production services including Samba, FTP, DNS, DHCP, and CVS.
- Provide virtual hosts as needed via Xen virtualization.
- Replace inefficient documentation practices with ACL-aware web based collaboration tools.
- Overhaul enterprise backup routines of mission critical data.
- Provide 24/7 on-call support.

TransactTools: Systems Engineer: 10/03 - 09/05

- Maintain multiple GNU/Linux server farms offering mail, web hosting, and replication services.
- Maintain all firewalls (Cisco, OpenBSD running pf and pfsync).
- Automate and monitor backups of critical server configurations and data.
- Document existing processes, build procedures, and more for disaster recovery purposes.

FCGMS / New York Presbyterian Hospital: Senior Systems Engineer: 01/97 - 05/03

- Lead Information Security Officer for Back Office systems and processes.
- Implement several GNU/Linux based services including Samba, CUPS, and OpenNMS.
- Support mission critical Document Imaging system running on NT 4.0 platform.
- Develop several Server Side Javascript (SSJS) applications for use within the Medical Records department. Applications included a helpdesk system, a queue poller/monitor, and a paging system.

Etc...

- Presented "Evolution of Scale" at PuppetConf 2012 [1].
- Presented "Puppetizing a Segmented Distribution Network" at PuppetConf 2011 [2].
- Multiple publications in Linux Journal Magazine [3].
- Red Hat Certified Engineer (RHCE) & Linux Professional Institute (LPIC 1 & 2) certifications.
- Former Red Hat Community Ambassador.
- Former New York Linux Scene (NYLXS) board member.

- [1] <http://www.youtube.com/watch?v=1KcAA6Wpxu0>
- [2] <http://www.youtube.com/watch?v=v991Qppt78c>
- [3] <http://www.linuxjournal.com/user/801129>