Musee Ullah

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Overview

I am a 20 year old systems administrator and server firefighter aspiring to become both a developer and administrator. I learn very quickly in action and am not afraid to take on new ventures. I enjoy what I do and hope to someday create and maintain world-changing applications.

Work Experience

HostGator.Com, LLC, Austin, TX

Systems Administrator - June 2011 to present

I resolved hundreds of issues per week through our ticket system across thousands of servers. These ranged from common MySQL issues, backups and restorations, and reboot triage to web server/database tuning, major software upgrades and custom installations, filing bug reports, writing documentation, etc.

Highlight: I was employee of the month for November 2011 (5th month at the job/out of ~120 admins).

Systems Monitoring - December 2011 to present

As one unit of a small team of monitors (3-4 usually), I proactively monitor the entire shared server portion of our farm (over 4500 servers) for issues before they become major. Issues I handle range from CPU abuse, low disk space, and hard drive errors to Denial of Service attacks/flooding, disaster recovery, and individual site performance reviews. I also make public announcements on our network status forums for extended downtime issues.

Highlight: I provided significant assistance in migrating the architecture of our shared/reseller servers from 32-bit to 64-bit.

Projects

ZMonitor

This is a console client for Zabbix that I developed in Ruby, as the Zabbix monitoring software did not come bundled with one. It contacts the API (json) and generates a dashboard-like interface to show current active problems, their acknowledgement status and priority. This client also allows acknowledgement of active triggers, and other features like server history are underway.

Skills

OS/Distros: CentOS 5, CentOS 6, Arch Linux, Gentoo Linux, Fedora, FreeBSD*, Ubuntu*, Windows XP
Scripting: Bash, Ruby, Javascript*
Markup: Markdown, HTML4 (w/ a dab of 5), XHTML 1.0, CSS3, YAML, LaTeX, XML*
Programming: PHP, Ruby
HTTP: Lighttpd, Apache, nginx*, Mongrel
Database: MySQL
Mail: Exim, Dovecot, mailx
Monitoring: Zabbix, sysstat, IPMI
Network: tcpdump/ngrep, iptables
Data/FS: RAID (3ware, Adaptec, MegaRAID)*, LVM2, FUSE, NAS, rsync, testdisk
Version Control: RCS*, Git*, Subversion*
Package Managers: portage, pacman, yum/rpm
Virtualisation: Virtuozzo*, VirtualBox, TightVNC
Miscellaneous: cPanel/WHM, LAMP, GCC/Compiling*, BIND, Jekyll
indicates partial understanding and ability to set-up/troubleshoot, and that it is a skill in progress