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

Part of a large team of administrators, we resolve thousands of issues per day, as a popular web host, across thousands of shared servers, virtual private servers and dedicated servers. These range from common database issues, backups and restorations, and reboot triage to web server/database tuning, major software upgrades and custom installations, filing bug reports and more.

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 the farm (over 4500 servers) for issues before they become major. Issues I handle range from CPU abusers, 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.

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
HTTP: Lighttpd, Apache, nginx*, Mongrel, Thin*
Database: MySQL
Mail: Exim, Dovecot, mailx
Monitoring: Zabbix, sysstat, IPMI
Network: tcpdump/ngrep, iptables, iproute2
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

Volunteer Experience

The Bike Project of Urbana-Champaign - August 2010 to February 2011

Bike Mechanic

Assisted visitors to the on-campus shop with maintaining and building bicycles, and created the sister Registered Student Organisation on campus as the president.

Technologist

Repurposed two decade-old computers with Debian to use around the shop/help business flow in the organisation. Also managed membership information and helped to create a scalable membership system.