

**Systems Administrator****Summary**

Experienced IT professional with expertise in \*nix and Windows based environments, networking and TCP/IP. Outstanding customer service skills resolving technical issues and educating end-users. Team player making significant contributions to team and individual success. Capacity to tackle challenging issues, analyze viable alternatives, and provide innovative solutions. Persistence, personal integrity, and channeled energies are major strengths consistently cited by managers and clients alike, independent work habits, and the determination to conquer technical challenges.

**Experience****Network & Systems Administrator**

February 2007 – Present

*PilgrimPage Inc. / Absorbent Ink, Lawrence, KS*

Performed troubleshooting of business and personal computers and peripheral equipment, identifying problems and providing solutions. Managed IT infrastructure including Gentoo, Debian 4.0, RHEL3, and RHEL4 distributions, Exim and Qmail mail servers, MySQL 4.x and 5.x, and Apache 2.0. Migrated existing servers to RAID, installed new file server and implemented ACLs to improve security and separation. Initiated server consolidation and virtualization using both VMware server and the open source Xen hypervisor. Configured server monitoring with Zabbix to provide performance trending and event alerts. Configured BSD based router to properly handle multiple WAN links using round robin DNS and support fail over of a single link.

**Linux Systems Engineer**

November 2005 – February 2007

*TeamHPC, Shawnee, KS*

Integrated and supported Linux based cluster solutions based on commodity hardware (AMD & Intel 64bit). Installed and configured servers, workstations, and high performance computing clusters. Enhanced automation scripts to check software configuration for correctness and report status. Recreated hardware burn-in environment using a Gentoo NFS root to stress all aspects of hardware and be able to trap kernel errors with netconsole. Supported end users server, and workstation cluster configurations. Configured Asterisk as phone system for small office.

**IT Specialist**

September 2004 – November 2005

*Sunflower Broadband, Lawrence, KS*

Performed troubleshooting of business and personal computers and peripheral equipment, identifying problems and providing solutions. Managed systems configuration and maintenance, problem troubleshooting, planning and directing upgrades, and testing operations to ensure optimum system functionality.

**Network Administrator/IT Manager, Production Manager**

August 2002 – October 2004

*Action Photo & Jordan Photography, Overland Park, KS*

Maintained network and workstation computers. Administered website built with Perl running on Apache web server. Managed Linux based mail server running Qmail. Managed the design and development of mobile servers to synchronize on-site and on-line sales. Reduced image processing time by rewriting image manipulation script, effectively cutting processing time in half. Configured routers, firewalls, domain name services, e-mail, web, and ftp services. Evaluated, purchased, configured and installed equipment. Wrote and developed technical documents. Increased revenue by bringing email, web hosting, and e-commerce in house, and increasing online presence. Processed images for lab as production manager.

**Education**

National American University

2007

*Bachelor of Science, Management Information Systems*

Vatterott College of Kansas, Kansas City, MO

2003

*Associate, Computer Technology***Skills**

FreeBSD, Linux (Debian 4.0, RHEL3, RHEL4, Centos 3, Centos 4, Centos 5, Gentoo), Apache, mail server (Exim, Qmail, Postfix, Exchange), hardware installation, maintenance and repair (multisocket multicore, up to 128GB memory), remote server management, Unix shell scripting (bash), Perl, Python, Ruby, process automation, MySQL (4.x, 5.x), Virtualization (Xen, VMware), Asterisk, Firewalls (iptables, pf)

**Associations**

System Administrators Guild

League of Professional System Administrators

Kansas Unix and Linux Users Association

**Certifications**Linux+, CompTIALinux Administration (general), BrainbenchITAA Information Security Awareness, Brainbench