Unix System Administrator

Certified Red Hat System Administrator (RHCSA) with multiple year's experience with Unix operating systems primarily focused on IBM's AIX and Red Hat Enterprise Linux (RHEL). Having a deep understanding of these hardware platforms (Power 6/7 & x86) allowed me to troubleshoot and resolve complex issues quickly. Being an experienced system's programmer also allowed me to create the tools necessary to monitor and resolve issues automatically.

IT Experience

University of Pittsburgh Medical Center (UPMC)
Pittsburgh, PA

System's Engineer - Lead   2011-Current

- Managed environment with more than 1,400 Linux (RHEL / Red Hat) and 600 AIX systems

- Write and maintain programs for automating daily tasks, commonly used procedures, and system auditing.

- Configured multiple High Availability and Disaster Recovery systems using IBM PowerHA, GLVM/RPV, KeepaliveD, HAProxy, GlusterFS, GPFS. Also helped maintain Oracle RAC systems.

- Established a team documentation site using Dokuwiki software, this allowed our new staff to train up quicker and be more efficient. Also helped reduce the risk of user error causing outages.

- Configured and maintained performance monitoring using Ganglia and other tools on all systems / platforms.

- Architected, deployed, and maintained IBM Platform HPC system

- Architected installation of multiple new IBM P-Series and x86 hardware for lease refresh and growth.

- Architected and deployed Docker container solution for development users and maintained this solution in production

- Deployed PaaS for developers using Openshift 2.0 and 3.0.

University of Pittsburgh Medical Center (UPMC)
Pittsburgh, PA

Desktop Consultant   2006-2011

- Responsible for troubleshooting and support PC and Mac systems through the ticketing system Service Center.

- Supporting 2500 PC's and 200 Mac's.

- Programming and maintaining pagers for use by hospital staff.

- Using Active Directory to add pc's to domain and edit pc / user permissions.

- Writing Scripts for Help Desk to use to improve first call resolution.

- Created and updated Windows XP / Windows 7 images for use on Parallels for Mac systems.

- Configuring Mobile devices to connect to wireless and mail. (iPhones, iPads, Blackberrys, Android, and Windows Mobile devices)

Additional IT Experience

SmartSource,INC — Virginia Beach, VA   **New Deployment Tech,** 2005 to 2006
Canon ITS – Chesapeake, VA   **Help Desk Technician,** 2004 to 2005

Education

BS Software Development   Current – Expected Grad September 2017
Western Governor's University

Advanced Studies Diploma – Science and Technology   Graduated June 2004
Landstown High School, Virginia Beach, VA

IT Skills Highlights

Hardware: IBM Power 6/7/7+/8, frames, PowerFlex. IBM/Lenovo x86 used for Linux, HPC
Operating Systems: UNIX (AIX), Linux (Red Hat Enterprise Linux, Fedora, CentOS)
Languages: Objective C, C++, PL/SQL, Perl, XML, Shell, HTML, Java
Certifications: Red Hat Certified System Administrator (RHCSA), Comptia A+, Comptia Network+, Comptia Security+