JOHN M. ABREAU

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PROFESSIONAL OBJECTIVE

Looking for a position where I can apply my expertise in systems administration, network administration, and general troubleshooting.

EMPLOYMENT HISTORY

BOSTON LINUX & UNIX (MARLBORO, MA)

Linux Systems Administrator - *1994- Present*

Volunteer projects

Performed several server rebuilds to replace aging hardware and update OS and application software. .Developed and deployed a backup system based on Amazon S3 storage. Researched IPv6, then planned and tested a network upgrade to deploy IPv6 in a dual-stack configuration. Wrote scripts to archive enormous message threads from a phpBB online forum. Designed website for nephew's business. Built development server using Linux Containers (LXC) and Docker on Ubuntu 14.04 LTS.

ZUKEN USA INC. (WESTFORD, MA)

IT Systems Administrator - *August 2005-August 2010*

Handled all IT support, systems administration, and network administration for U.S. employees of multinational company. Maintained and upgraded servers and network. Migrated main office to new, higher-bandwidth ISP. Replaced old mail server with Microsoft Exchange 2007 to integrate with European offices' email and calendar system. Wrote custom web-based tools to support orphaned CRM system while European teams evaluated possible replacements. Purchased new desktops, laptops, and home office equipment for all employees on 3-year refresh cycle.

INTERNAL REVENUE SERVICE (ANDOVER, MA)

January 2005-July 2005

P. M. COMPUTERS (BRAINTREE, MA)

Network Upgrade - *July 2004-December 2004*

Migrated a small real estate business from a Windows 98 based file server to a server based on Red Hat Linux and Samba, along with development of a proper backup strategy. Included bringing email in-house, deploying an internal DNS server, and training office staff.

UNIX DEVELOPMENT PROJECTS

Various - *January 2002-June 2004*
  Projects were a combination of small consulting jobs, volunteer work, and personal projects

Designed and built a network infrastructure for a small office, including a firewall appliance, a DNS server, a central mail server, a disk-based backup server, an LDAP directory server, and a web server, and provided staff training.

Organized and ran many Linux Installfests.

Performed a Solaris installation and configuration for a medical researcher client at Brigham & Women's Hospital.

NETEGRITY (WALTHAM, MA)

Unix Systems Administrator - *September 2001-October 2001*

Installed Solaris 8 on several new Sun Blade workstations. Configured a new HP-UX server. Added new users and new workstations to NISPLUS. Performed daily and weekly backups. Diagnosed and repaired misconfigured router in testing lab. Replaced bad drive in Solaris DiskSuite raid volume. Restored user files from Legato backups. Upgraded Java JVM on a development server. Installed RequestTracker helpdesk software. Deployed openssh on servers and workstations. Configured Exceed (X display server for Windows) for several users.

Built a Linux server to host the above-mentioned helpdesk software; server was Redhat 7.1 on a Compaq ProLiant tower. Got RequestTracker software via freshmeat.net.

Built a Linux desktop and a laptop to integrate with Exchange mail server, including StarOffice office suite, exmh mail reader, and a custom perl/ldap script for address lookup through Exchange.

VOLUNTEER PROJECT

Linux Server Build - *March 2001-September 2001*

Designed and deployed a new Internet server for my user group.

Installed offsite development server on home network to test new software platform before purchasing and installing new server hardware at our co-location site.

Built secure development server on a Redhat 7.1-beta platform; tested performance and security of Linux native firewall software.

Installed BIND 9.1.1 to run as a nonprivileged user in a chroot-jail environment.

Removed sendmail software and replaced with postfix smtp server, configured to run as a nonprivileged user in a chroot-jail environment. Configured it to use MAPS RBL to filter out spam mail, and added virtual-domains for several other groups that we provide email services for.

Reviewed all content on the old web site, cleaned out dead links and stale data. Tracked down many missing items from my archives.

Developed a custom Calendar application using PostgreSQL database server, and rewrote major sections of our web site to reference the database via PHP in order to automate or simplify web content maintenance and eliminate duplication of data.

ITWORLD.COM (SOUTHBORO, MA)

Unix Systems Administrator - *May 2000-February 2001*

SYNOPSYS (MARLBORO, MA)

Unix Systems Administrator - *September 1998-March 2000*

POLAROID (NORWOOD, MA)

Unix Systems Administrator - *June 1997-July 1998*

NEW ENGLAND CIRCUIT SALES (PEABODY, MA)

Unix Systems Administrator - *August 1996-March 1997*

PROFESSIONAL SOCIETIES

Executive Director
Boston Linux & Unix (BLU)
April 1994-Present

I founded this user group in 1994, originally as a Special Interest Group of The Boston Computer Society (BCS).

USENIX
August 1999-Present

The Boston Computer Society (BCS)
December 1985-September 1996

Toastmasters
August 2011-Present

EDUCATION

 University of Massachusetts, Boston, 1983-1986.

20 Credits remaining for completion of Bachelor of Computer Science curriculum.

 Northeastern University, 1982. Transferred to UMass/Boston after first year