



Overview

I am an experienced team lead, senior network engineer and systems engineer knowledgeable in numerous operating systems, network types, protocols and programming languages. If you are looking for someone who understands the delicate balances between utility and security, the importance of redundancy and uptime and combine those my abilities to be extremely versatile, learn new concepts quickly and can work well in a team or alone, I believe that I would be a valuable addition to your organization.

Experience

- Pixia Corporation
Systems Engineer
11/2010-Present
- Pixia is software development company to federal government and private clients, specializing in image processing, storage and retrieval software. My current assignment is to serve as Linux SME, inside systems engineer, and post-sales engineer.
- My main responsibilities are:*
- Working with team members to upgrade internal systems (Red Hat Linux, Windows 2008, Active Directory, Isilon)
 - Developing and maintaining server baselines (Red Hat Linux, Windows 2008, VMWare ESXi)
 - System maintenance and administration (Red Hat Linux, Windows 2008, VMWare ESXi, Isilon)
 - Maintaining system configuration, diagrams and security documentation
 - Performing installation and post-sales engineering for our products in the field.
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- eFedSystems Corporation
Linux SME
07/2010-11/2010
- eFedSystems is an IT consulting company to federal government clients. My assignment was to serve as Linux SME for a project to upgrade an aging Oracle/Peoplesoft environment to modern hardware, software revisions and design standards.
- Responsibilities were:*
- Assessing system requirements and security procedures (Oracle Enterprise Linux)
 - Developing and maintaining server baselines (Oracle Enterprise Linux)
 - System maintenance and administration (Oracle Enterprise Linux)
 - Assisting Oracle DBAs with troubleshooting
 - Maintaining system configuration, diagrams and security documentation
 - Disaster and recovery planning and implementation (Oracle Enterprise Linux, Symantec NetBackup)
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- WellPoint, Inc.
Infrastructure Services
Senior Advisor
06/2005-7/2010
- WellPoint, Inc is the largest publicly traded health care company and the biggest licensee of Blue Cross and Blue Shield. WellPoint purchased Lumenos in 2005 and I took on an expanded role.
- Major accomplishments:*
- Coordinated the partial integration of our network with our parent company
 - Managed expansion of our main Data Center and relocation of two small Data Centers
 - Implemented multiple EMC SAN installations
 - Virtual Server implementations with Virtualbox, Xen and VMWare.
 - Trained new administrators to help with the team's tasks.
- I was the Team Lead responsible for:*
- Linux/Unix Administration – RHCE
 - Red Hat Enterprise Linux system administration, backup and load/availability monitoring
 - BASH scripting, Apache web servers for internal administrative applications
 - Network security, threat detection and assessment
 - Check Point firewall, Cisco PIX firewall and Cisco VPN implementation and administration
 - RADIUS server management
 - Snort NIDS (Network Intrusion Detection System) implementation and administration
 - Network management and monitoring
 - Cisco routing, Cisco and 3Com switching, and Internet/WAN circuit management on IP-based networks
 - Load Balancing with F5 Big-IP LTM
 - Network Services Administration
 - System availability monitoring with Nagios
 - Administration of FTP, Bind DNS, Squid web caches, DHCP, NTP, Samba file servers, Postfix SMTP, MailScanner virus/spam filtering, and CUPS/LPD print servers
 - x.509 Certificate administration and PGP/GnuPG file handling
 - Data Center Management with Liebert CRAC, APC UPS systems and APC environment monitors



- Enterprise Storage Management with EMC Clariion SAN solutions
- Assessing infrastructure requirements for projects, product selection, implementation and testing
- Maintaining documentation and diagrams using MS Office and Visio

Lumenos, Inc.
Senior Network
Engineer
01/2001-06/2005

Lumenos provided CDHP (Consumer Driven Healthcare Plans) to small, medium and large companies. During my tenure, the company grew from 50 employees at one site to 450 employees in three buildings on the same campus, 75+ remote workers, two remote hosting facilities, and one remote call center.

Major accomplishments:

- Designed and outfitted a new Data Center for our company when it relocated in 2004
- Spearheaded migration of Oracle Database systems from Sun Solaris to Red Hat Linux, saving over \$300,000, significantly increasing performance and maintaining our 99.999% uptime.

I was responsible for:

- Network security, threat detection and assessment (Check Point, Cisco, Snort)
- Network management and monitoring (Cisco, 3Com, F5)
- Linux/Unix Administration (Red Hat, Solaris, Apache, PHP)
- Network Services Administration (DNS, DHCP, web proxies, Postfix SMTP, MailScanner)
- Data Center Management (Liebert, APC)
- Enterprise Storage Management (EMC)

Technology
Concepts and
Design, Inc.
Senior Systems
Engineer
10/1997-01/2001

TCDI is an IT consulting company for government and private clients. My main role was the sole network/systems administrator for a small government client. I also assumed a large portion of the responsibility of maintaining the corporate network and systems which were a mix of Linux, Windows and Solaris.

I worked with government and private industry clients on a variety of tasks:

- Assessing system requirements and evaluating new components (Red Hat Linux and Windows)
- Assembling/integrating systems components (Red Hat Linux, Sun and Windows)
- Developing server and client baselines (Red Hat Linux, Sun and Windows)
- System maintenance and administration (Red Hat Linux, Sun and Windows)
- Security and threat assessment (Snort)
- Disaster and recovery planning and implementation
- Application Development (Python, BASH scripting, ZOPE)

DOMAIN
technology, Inc.
Systems Engineer
11/1996-10/1997

DOMAIN technology, Inc. was a government consulting company that worked primarily with the Department of Justice agencies.

Major accomplishments:

- Solved a number of critical and ongoing problems with a dial-up mail system that utilized STU-III encrypting modems, Windows NT 3.51 and Groupwise.
- Implemented a versioning and patch delivery system for the dial-up mail systems

Responsibilities:

- Developing and maintaining server and workstation baselines (Windows NT)
- Email administration (GroupWise, Exchange)
- Third tier help desk
- Training junior administrators

Baldersons, Inc.
Systems Administrator
and Assistant Manager
5/1987-11/1996

Baldersons is a printing firm and the family business. During my time there, I was the help desk, systems administrator and network administrator. Being a small company, there wasn't enough work for a full-time IT position, so I also managed the graphics department, and filled in on all other positions as necessary.

I managed the graphics department and provided all IT support. IT responsibilities:

- Network administration (Mac, Windows and Linux)
- Product/vendor evaluation (Adobe, Xerox, printing and bindery equipment)
- Computer-related customer support
- Training/assisting staff on all installed software packages

During vacations and times of need, I also filled in as: pressman, bindery operator, customer service representative, graphics, and pre-press.



Knowledge

Systems & Storage	Linux (Red Hat, CentOS, Oracle Enterprise Linux, Ubuntu, Debian)	Virtualization (Xen, VMWare)	EMC Clariion, DASD, NAS, Isilon	Solaris 7/8/9	Windows NT/2000/XP/2003
Network Hardware	Nokia IPSO	F5 Big-IP	Cisco Routers	3Com Switches	Cisco Switches
Network Security	Checkpoint FW-1/VPN-1	Cisco PIX	IPSec VPNs	OpenSWAN	OpenVPN
	Snort NIDS	Tripwire HIDS			
Networking	TCP/IP	Ethernet/GigE	DNS/Bind	SMB/Samba	SSH
	HTTP	FTP	NTP	NFS	NIS/YP
	LDAP	VRRP	IGRP/BGP	Optical Fiber	STP
	QOS	T1/DS3	Frame Relay		
Mail	Postfix	Sendmail	SMTP	IMAP/POP	Microsoft Exchange
Programming	Python	Unix Scripting	PHP	HTML	Perl
	C/C++	DTML/Zope			
Database	PostgreSQL	MySQL	Oracle 9i		
Miscellaneous	PGP/GnuPG	PKI, SSL Certificates			

Security Clearances

Cleared for Top Secret.

Education and Training

B.S. Computer Science, [George Mason University](#), 1993

Red Hat Certified Engineer (RHCE v5), Cert: [805010046945958](#) 1/2010, (RHCE v3), Cert: [803004338913035](#) 12/2004

[ZOPE](#) (Z Object Publishing Environment) Training, 7/2000

Supporting Microsoft Systems Management Server v1.2 (Course 732b), 6/1999

Microsoft Certified Professional - Windows NT Server 4.0, 2/1999

References

Available upon request