

MATTHEW L. JENKINS

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Objective

Senior network and systems engineer where my experience and leadership can provide a secure, stable enterprise IT infrastructure to maximize the productivity of developers and other staff.

Experience

Network and Server Administrator

Fairmont State University, Fairmont WV

(8/05 – present)

- Team lead for the administration of a large scale campus network
- Primary lead for campus network security and responsible for RSA SecurID, Cisco VPN, and ASA firewalls
- Responsible for campus network including Cisco 6500 core switches, 7200 routers, and LWAPP wireless
- Responsible for Microsoft Active Directory running clustered Exchange enterprise for over 30,000 accounts
- Administer multiple IBM DS4000 series SANs using Brocade fibre channel switches
- Maintain VMWare Infrastructure Enterprise servers using all enterprise high availability features
- Maintain management and monitoring servers including Cisco Works, IPSwitch, and SolarWinds
- Assisted in deploying and maintain Cisco VoIP including Call Manager, Unity, Call Center, and SRST

Senior Network Specialist

TMC Technologies, Inc., Fairmont WV

(12/03 – 8/05)

- Maintained high availability network and systems for TMC and their commercial clients
- Migration of e-mail systems to Exchange 2003 enterprise and responsible for e-mail security
- Planned, deployed, and secured high-end Windows and UNIX based systems
- Designed and deployed client networks consisting of Cisco, D-Link, Dell, and Symantec network equipment
- Configured and maintained various router, firewall, switching, and power protection equipment
- Developed applications and scripts using VBA, PHP, Perl, MySQL, WMI, and other technologies

Software Developer

Analytic Services, Inc., Fairmont WV

(06/02 – 12/03)

- Administered Windows 2003, 2000, and NT servers in an Active Directory
- Administered MS SQL 2000, MS SharePoint, and MS Project servers on IIS
- Maintained Cisco network equipment that supported the Fairmont ANSER site
- Worked as part of a team to design and develop applications in Visual Studio .NET managed C++ and C#
- Developed applications using vendor SDKs to evaluate the performance of biometric devices
- Tested and debugged software to ensure quality prior to delivery
- Performed configuration management for CMMI processes

UNIX Systems Programmer

Salem International University, Salem WV

(06/00 - 06/02)

- Installed and maintained UNIX and VMS servers for the university
- Implemented WWW, DNS, DHCP, SMB/NETBIOS, RADIUS, SMTP, POP, and IMAP on UNIX servers
- Created and maintained programs for the administrative database running on a VAX 6000-640
- Advanced the university's infrastructure to be capable of handling students using 802.11b wireless
- Installed and maintained a UNIX NAT firewall to accommodate approximately 500+ workstations
- Assisted with the installation and maintenance of enterprise Enterasys networking equipment

Education

BS in Computer Science / Mathematics

2002 Salem International University, Salem WV, GPA: 3.9

Dean's list all four years. Tutor for computer science and mathematics classes for two years. Volunteer in the data center as a technical assistant for the first two years.

Certifications

GIAC Security Essentials Certification (GSEC)

Skills

Networking

Cisco CatOS and IOS, BGP and OSPF, Cisco PIX and ASA with VPN, Cisco H323/MGCP, SCCP, SIP, SRST, Unity, E911, Cisco WLAN LWAPP, CiscoWorks, Packeteer, 3COM, Sonicwall, Symantec

Server

Windows Server Enterprise, Exchange Enterprise Clustered, RedHat, Mandrake, Debian, Solaris, AIX, Irix, BSD, OS/2, VMS, IBM SAN, IBM pSeries, Brocade Fibre Switches, Dell and IBM Blade Servers, Digital/Compaq VAX

Development

C, C++, MC++, C#, JAVA, JavaScript, Visual Basic, VAX Basic, x86 Assembly, HTML, ASP, Perl, PHP, Microsoft SQL 2000/2005, MySQL