

SCOTT ALAN MILLER

Geneseo, New York – Newark, New Jersey

IT Long Term and Permanent Experience

Senior Linux System Administrator

Since March, 2006

CitiGroup. Warren, New Jersey via Computer Task Group (CTG.)

Responsible for enterprise Linux computing environment supporting Fixed Income clients primarily in the United States and the United Kingdom.

Director of Information Services

June, 1999 – April, 2006

Niagara Technology Group, Inc. / Nicklin Associates, Inc. Pavilion, New York. www.WasteWatcher.org

Senior IS position responsible for internal corporate information infrastructure, external information services and oversight of IS product development. Mix of management and technical responsibilities including project management and systems analysis as well as direct management of core infrastructure and Line of Business including Windows NT and 2003 servers, Novell SUSE and Red Hat Linux servers in a variety of roles. Direct management of IT teams and heavy customer interaction.

Project Manager overseeing the design, development, deployment and support of the WasteWatcher infectious medical waste tracking and reporting system. System was first deployed in 2000 and has been used continuously by numerous major medical research facilities in day to day facilities operations. Personally involved with client consulting and management including an impressive array of clients including University of Pittsburgh Medical Center, University of Rochester Medical Center, Washington Hospital Center, John Hopkins Hospital, Anderson Area Medical Center, etc.

Additional function as internal Linux and Open Source Software (OSS) Evangelist heading systems administration and design tasks on Linux based systems. Functioning as senior Linux systems administrator including systems engineering and design for systems handling significant portion of internal services including email, groupware, instant messaging, web hosting, applications, terminal services, etc.

Currently overseeing the design and development of a medical facilities management suite that will compliment and replace the aging Waste Watcher system. Important changes include move to .NET platform, Smart Clients, Web Services and an SOA architecture.

Senior System Engineer *(Part Time)*

November 2004 – October, 2005

Wegmans Food Markets. Rochester, New York via Dell Professional Services via Teksystems.

Responsible for Proof of Concept on behalf of Dell, Microsoft and Veritas for large scale Windows NT 4.0 to Windows Server 2003 migration project including development of migration procedures. Extended to include Pilot Migration project in January, 2005. Extended to include Migration Project in March, 2005. Project includes the migration of 68 NT 4 to Windows 2003 servers and 68 instances of MS SQL Server 7 to MS SQL Server 2000.

Systems Analyst

November, 2000 – June, 2001

IBM. Endicott, New York via Computer Task Group (CTG.)

Senior IT position in Drill Sector. Project Manager and Analyst on cross platform, Windows 2000 and Unix, DNC Server software development project. Also responsible for network design and administration of 18 Solaris, 2 Red Hat Linux, 1 Windows 2000 and 3 Windows NT production servers as well as SuSE Linux, Caldera Linux and IBM AIX development machines.

IT Training Coordinator *(Part Time)*

January, 2001 – June, 2001

Computer Task Group (CTG.) Endicott, NY.

Advisement, curriculum development, teaching, course workbook development and mentoring for Endicott, NY office. Also management of educational Linux and Solaris classroom environment including a training server and 18 workstations. Primary work in SUSE Linux Administration training.

LAN Administrator, Webmaster

August, 2000 – November, 2000

Oil Navigator, Inc. & Fortune Consultants Group, Inc. Washington, D.C.

www.OilNavigator.com

Senior IT position responsible for all LAN and web hosting issues including administration of Windows NT 4 and Red Hat Linux servers, security issues, WAN connectivity and LAN networking for petroleum industry reporting firm.

SOHO Network Consultant

February, 1999 – December, 1999

Miller - West Consulting. Avon, New York.

Consulting and Technical Services for Small Office/Home Office customers. Company was dissolved to allow for integration with the Nicklin/Niagara group in February, 2000.

Solaris Help Desk, Information Systems Head Tutor

June, 1994 – September, 1995

GMI Engineering and Management Institute (Kettering University.) Flint, Michigan.

Onsite helpdesk position assisting users on approximately 300 Solaris terminals and UltraSparc workstations. Light Bash shell scripting. Extensive work in Fortran 77 programming and some C. Oversaw Pascal tutoring but was not involved technically.

IT Short Term, Contract and Part Time Consulting Summary

Systems Engineer, Team Lead and Field Engineer

September, 2002 – November, 2004

Dell Professional Services (DPS) and Dell Migration Services. Austin, Texas.

Numerous contracts ranging from one day to three months including onsite coordination and management of technician teams all over New York State and Washington, DC. Major contracts include Proof of Concept Server engineering and subsequent 67 server Windows Server 2003 and SQL Server 2000 migration for Wegmans and 350 desktop migration to Windows XP Pro for Schenectady International.

Contract Engineer, Project Manager and Technician

Since September, 1999

Compaq, HP, Deutsche Telekom, University of Rochester, etc.

Consulting Engineer and Field Technician for various consulting groups functioning throughout Upstate New York performing a variety of tasks including project lead.

** For more information regarding my experience with short term contract positions, please reference the Contract Appendix*

Education – Bachelor of Science in Computer Information Systems

Empire State College, State University of New York (SUNY)

Ithaca and Rochester, New York.

BS in Computer Information Systems (CIS) from the school of Science, Math and Technology.

Monroe Community College, SUNY

Rochester, New York.

AS in Liberal Arts with Honors. Phi Theta Kappa – National Honors Society.

IT Skills and Experience

OS Microsoft:	Windows Server 2003, Windows Small Business Server 2003, Windows XP, Windows 2000 Server, Windows NT 4 Server, MS-DOS 6.22 and Legacy Windows 3.11/95/98/SE/ME/CE.
UNIX/Linux:	UNIX: SUN Solaris, QNX, IBM AIX, SCO XENIX, FreeBSD, OpenBSD and Apple Mac OS X. Linux: Novell Linux Desktop, SUSE, Red Hat, Fedora, CentOS, Caldera/SCO, Mandrake, Mandriva, Gentoo and Storm.
OS Other:	Novell: Netware and Small Business Server 6. DOS: DR-DOS, PC-DOS and FreeDOS. End User Only: Digital VMS / OpenVMS. Legacy: BeOS and AmigaOS.
Microsoft Backoffice:	Internet Information Server (IIS) 2 - 6, Internet Security and Acceleration (ISA) Server 2000 & 2004, Proxy Server 2, SQL Server 7, 2000 & 2005 Beta, Remote Access Server (RAS), Routing and Remote Access Service (RRAS), Windows Services for UNIX 2 – 3.5 (Interix,) SharePoint Portal Server 2003, SharePoint Services 2.0, Microsoft Operations Manager MOM 2005 and Exchange Server 5.5 & 2003.
Other Backoffice:	MySQL, Apache, SAMBA, PostFix, BIND, Linux Terminal Server (LTSP), JabberD 2 Instant Messaging Server, Crystal Reports Web, SuSE Email Server II, Roxen WebServer, Cyrus, NetMAX Firewall, SmoothWall Firewall, OpenLDAP, IceCast, NIS, Squid, Asterisk, Scalix and FileMaker Pro.

Languages: FORTRAN, JAVA, Python, BASIC, Bash Shell Scripting, Amiga CLI Scripting, Visual Basic, PHP, JavaScript, XHTML and HTML (including CSS).

Productivity Tools: Microsoft Office including Front Page, Publisher, Project and Visio, Macromedia Dreamweaver and OpenOffice.org.

Misc.: Veritas NetBackup, Veritas Backup Exec.

Additional Experience: Webmaster hosting more than twenty-five website and email domains including commercial clients and non-profit organizations and Internet radio stations.
At home I maintain a fifteen computer network for development, education and testing purposes which includes an incredible variety of technologies providing me a great breadth of experience outside of my commercial and institutional opportunities. I personally feel that my home educational environment provides me with the single, most important resource in my pursuit of continuing IT education. My environment includes managed switches, Proliant hardware and an IBM AS/400.

Volunteer and Community Experience

Castile Christian Academy
Castile, New York
November, 2004 – Present

Volunteer technology coordinator, network engineer and system administrator for private school. Designed and built SUSE Linux environment and network for use by students, teachers and administrators. Also worked to procure donated equipment for the school. Oversee curriculum, class materials and technology facilities.
Additionally taught extra-curricular class in web design using current web standards including XHTML and CSS. Developed all course materials including printer materials, sample material, network resources and presentation material.

Livingston County Chamber of Commerce
Geneseo, New York
January, 2005 – April, 2006

Service on the Communications Committee helping the chamber interface with its membership more effectively. Working to extend traditional communications media to include technology based interactions with community.

Onondaga Community College, SUNY
Syracuse, New York
February, 2005 – Present

Serving on Professional Advisory Committee for the Computer Information Systems department helping to review curricula, adjust course content and requirements, define needs, etc.

IT Certifications

Microsoft:
1579049

MCSE+I, MCSE – Microsoft Certified Systems Engineer (NT 4.0), MCP+I

MCP - Microsoft Certified Professional in the following areas:

Windows NT Server 4.0 Enterprise	Proxy Server 2.0
Windows NT Server 4.0	Internet Explorer 4
Windows 98 Administration	Networking Essentials
Internetworking with TCP/IP	SQL Server 7 Administration
Internet Information Server 4 (IIS 4)	

CompTIA:
COMP10163740

Linux+
Network+
Server+

A+ with 100% CS
Security+
i-Net+

Brainbench:
179712

Cumulative Job Role Certifications:

BCIP – Brainbench Certified Internet Professional in the following areas (year):

Web Administrator (03, 05) *Windows NT 4, Linux, SuSE, Cisco, IIS and Apache*
Webmaster in Windows NT 4.0 and IIS 4 (02)

BCISA – Information Security Administrator (04) **BCSA** – System Architect (04)

BCITBA – IT Business Analyst (04) **BCITM** – IT Manager (04)

BCSQA – Software Quality Analyst (04) **BCST** – Software Tester (04)

BCWSA – Windows Systems Administrator (04) **BCPM** – Project Manager (04)

BCNSS – Network Support Specialist (04) **BCJP** – Java Programmer (05)

BCNA – Network Administrator (04) **BCCPP** – C++ Programmer (05)

BCUSA – UNIX System Administrator (04) **BCCP** – Computer Programmer (05)

BCLSA – Linux System Administrator (04) **BC.NETP** - .NET Programmer (05)

BCDBA – Database Administration (06)

Independent Certifications:

Master BCP - Master Brainbench Certified Professional in the following areas (year):

Programmer / Analyst Aptitude (00, 05)	Internet Security Specialist (00)
Windows 95 Administration (00)	TCP/IP Administration (00, 03)
MS IIS 4 Administration (00, 02)	Network Technical Support (02, 05)
Information Technology Terminology (02, 05)	Networking Concepts (02, 05)
Computer Industry Knowledge (02)	WWW Concepts (02)
Computer Fundamentals (Win 2000) (02)	Internet Concepts (02)
Internet Technology Fundamentals (02)	Internet Industry Knowledge (02)
ITAA Information Security Awareness (03)	WAN Technologies (03)
Information Technology Industry Knowledge (03)	Network Security (04)
Customer Requirements Analysis (04)	Internet Security (02, 05)
MySQL 3.23 Administration (06)	

BCP in the following areas (year):

MS SQL Server 7 Administration (00)	Internet Industry Analyst (00)
Windows NT 4.0 Workstation Administration (00)	Windows 98 Administration (00)
Windows NT 4.0 Server Administration (00, 02)	Computer Technician (00)

Linux Administration (General) (02)	Computer Technical Support (02)
Linux Administration (SuSE) (02)	HTML 4.0 (02)
Linux Administration (Red Hat) (03)	Apache 1.3.12 Administration (03)
Cisco Network Support (03)	MS Exchange 5.5 Administrator (03)
Web Server Administrator (03)	Server Administration (03)
MS Proxy Server 2.0 (03)	E-Commerce Concepts (03)
Network Monitoring (03)	LAN/WAN Communications (03)
Client / Server Concepts (03)	UNIX Administration (Solaris 8) (03)
Compaq Server Administration (NT4/2000) (03)	UNIX Administration (General) (03)
UNIX Administration (AIX) (03)	Systems Analysis (04)
UNIX Administration (HP-UX) (03, 05)	C++ (05)
Disaster Recovery and Planning (04)	RDBMS Concepts (04)
Information Technology Security Fundamentals (04)	Technical Help Desk (04)
Software Business Analysis (04)	BASH Shell Scripting (04)
Project Management (04)	Software Quality Assurance (04)
Java 2 Non – GUI (05)	Software Testing (04)
Java 2 Fundamentals (05)	Java 2 (05)
Windows Server 2003 Administration (05)	XML (05)
Programming Concepts (05)	Java EJB 2.0 (05)
Object Oriented Concepts (05)	Visual Basic.NET (05)
Web Services Application Engineering (05)	.NET Framework (05)
Web Design Concepts (05)	Data Modeling Concepts (06)
ANSI SQL – Structured Query Language (06)	
MS SQL Server 2000 Programming (06)	

Novell:
c509807

Certified Linux Salesperson 2004 (CLS)
Novell Certified Salesperson 6.0 (NCS)

Novell Certified Salesperson 2004
Novell Networking Technologies

Symantec:

Symantec Security Sales Knowledge Award (SSSKA)

AntiVirus Fundamentals
Basic Network Security Concepts
IDS Fundamentals
Vulnerability Management Fundamentals
VPN/Firewall Appliances
Security Management System

Basic Firewall Concepts
Security Standards
VPN Fundamentals
Client Security
Intruder Alert 3.6

IBM:

IBM AIX User Certificate

Hewlett-Packard:
SK6607

Registered Technician