

CAREER OBJECTIVE

Engagements working with clients utilizing cutting edge technology that leverages my experience in management, systems, and network administration experience in full project life cycle positioning, development, and implementation.

TECHNICAL SKILLS SUMMARY

<u>Skill Name</u>	<u>Skill Level</u>	<u>Last Used</u>	<u>Experience (years)</u>
Windows Server 2008, 2005, 2003, 2000, NT	Expert	Currently used	11
Unix (Solaris, BSD, SCO)	Expert	Currently used	11
Linux (Red Hat, Debian)	Expert	Currently used	7
Cisco PIX Firewalls	Expert	Currently used	11
Cisco ASA Series Devices	Expert	Currently used	4
Cisco VOIP technologies	Moderate	Currently used	4
Watchguard Firewalls	Expert	Currently used	9
Iptables/Ipchains Firewalls (Linux)	Expert	Currently used	7
Various Network (VLAN, QoS, routing, RIP, Spanning)	Expert	Currently used	9
Network Attached Storage (NFS, CIFS, iSCSI, UFS)	Expert	Currently used	9
Server Attached Storage (ZFS, NFS, CIFS, UFS)	Expert	Currently used	9
VMWare ESX (and ESXi) Server	Expert	Currently used	5
VMWare View	Expert	Currently used	4
Sun Virtualization (SRSS, SGD, VDI, Virtual Box)	Expert	Currently used	3
Microsoft Virtual Server	Moderate	Currently used	4
Windows Terminal Server	Expert	Currently used	9
Windows Domain Controllers	Expert	Currently used	9
Windows Active Directory (all versions)	Expert	Currently used	9
Windows Clustering	Expert	Currently used	4
Microsoft Exchange Server 2007, 2003, 2000, 5.0	Expert	Currently used	11
IMail up to v10	Expert	Currently used	8

PROFESSIONAL EXPERIENCE

August 2004 to Present, Teachers-Teachers.com, Colorado/Maryland

Information Technologies Architect

Teachers-Teacher's is the largest internet based education recruitment service company in the nation. With around a half million teachers, and over two thousand school districts, it maintains high profile and high usage websites that require an emphasis on dependability, availability and reliability. Initially, was contracted to maintain and extend the web technologies.

Company growth coupled with inadequate server architecture and maintenance caused a rapid shift in responsibilities to primary network and system administration. Worked with the CEO and other stakeholders to achieve consensus and buy-in for a project to move to a more robust architecture. Worked with stakeholders to vision, design, implement, and support the new server farm build-out.

The new architecture consists of domain integrated Windows 2003 servers, a holistic approach to security - firewall (stateful and proxied), network, server, operating system, application, data, Storage Area Network devices, Linux firewalls and Linux mail servers. Customer-facing product uptime has improved by a factor of ten, and critical server, device, service, security, and network failures has been reduced to nearly zero.

Designed and implemented a comprehensive monitoring solution for the server farm at several tiers (external interfaces, network, power, server/devices physical and logical states, services, and internal interfaces). Monitoring probes include network health, VLAN segment health, network segment health, power, temperature, network controller, raid controller health, physical disk health, disk pool health, logical drive space, memory utilization, CPU utilization, services, internal and external interfaces. Also implemented a tracking system with escalation functionality to allow administrators to easily identify and troubleshoot the nature and priority of a probe failure.

Designed and implemented a secure access plan to allow managers, developers, system administrators, and end users access to network and server resources via VPN, with firewall policies active directory group policies, and IPSEC control points.

Improved and re-launched a disaster recovery system that spanned facilities, network, servers, applications, and data (backup, retention, and recovery). The recovery system included both intraday, high-availability backups (SAN snapshots) and restore/forks (clones) as well as off-site media (tape), and testing procedures to ensure viable, verified restore/recovery points.

Technologies included Microsoft Windows, Microsoft SQL Server, Microsoft Sharepoint Services (2.0 and 3.0), IPSwitch iMail, Active Directory, EMC SAN, Watchguard Firewalls, Dell Switches, Symantec Backup Exec (v10), Microsoft Windows Update Services, IIS, Cold Fusion, DotNet (v1.0, 2.0, 3.0), Active Directory, Microsoft DNS, Linux Bind, SNMP, LDAP, IIS, Whats-up Gold monitoring, Wildfire Jabber IM, RhinoSoft FTP, and Sawmill Web Tracking.

October 2000 to Present, Contract, Colorado
Independent Systems & Network Administrator Consultant

Multiple engagements working with Corporate Internets, Intranets, and Web Hosting solutions in mixed environments. Technologies included Unix (Solaris, BSD, Linux) as well as Windows (NT 2000, and 2003). Solutions include complete server farm build-out, server consolidation through virtualization tools, maintenance, and expansion using Sun, Dell, and HP servers, Cisco routers, switches, and firewalls, as well as other third party Linux and Unix hardware.

Responsible for design and deployment of Anti-Virus software throughout corporate environments (servers, workstations, laptops). Designed and deployed maintenance methodology for system patches and virus updates.

Established and maintained standards & practices for initial server farm deployment, day to day operations, database replication, standby servers, Active Directory Maintenance, virus monitoring, and deployment of hardware and software clustering technologies.

Marquee projects to date:

Compass Marketing (Intranet/internet Server Farm)

Contracted to assess the continued use of their current network and server solution. Worked with client to identify and pinpoint security, availability and reliability issues. Based on recommendations, client built out a new server farm solution. Was involved in the visioning, design, and implementation of their new solution. A key component of the solution was combining several older physical servers running disparate software (in this case, Exchange Servers and Blackberry Servers) into one new physical server using VMware. Technologies included Windows Server, Microsoft Exchange Server, Microsoft Sharepoint Portal Server, Microsoft Update Services, VMware (v1.0), Symantec Backup Exec (v9) and Clarion SAN.

X2Delta Networks (Web Hosting Server Farm)

Visioned, designed, and built (hands-on) a high-reliability/availability server farm and administered that farm for more than three years. Environment is a mixed Windows and Linux environment, with Windows running ads, web, ftp, mail, and database services; and Linux running firewall and domain name services. Designed and implemented security and maintenance protocols, including software upgrades, virus protection, and backup. Technologies included Windows Server, Windows SQL Server, Windows Exchange Server, MySQL, Bind, ipchains, iptables, VPN, Cold Fusion, and Perl.

Sprint Mobile (Internal Development Server Farm)

Contracted to manage the build out and deployment of Sprint's mobile (4GL) development center in Denver. Duties included coordination with multiple vendors and corporate departments throughout the country to arrange for network connectivity and hardening (security and virus protection).

Newmont Mining Corporation (Intranet/internet Server Farm)

Initially contracted as a developer. Duties expanded to making critical path decisions on existing and future deployments for mission critical intranet applications (Apache, Cold Fusion, Oracle). Enhanced performance and security by implementing best practice processes in their existing environment.

Catholic Store, Inc (Intranet/internet Server Farm)

Contracted to perform as the SA for a small business with an eCommerce website and custom-built internal POS system. Encountered a flawed Windows 2000/SQL Server installation which required a redeployment of the entire server environment to industry standards and best practices, including the construction of a fully-functional, integrated and secure domain/ADS environment, thus significantly reducing security risks and maintenance costs. Positioned and provisioned a Cisco PIX firewall to ensure intranet and internet security. Maintained network environment including keeping operating system, applications, and virus software patched and updated.

Sanford Homes (Intranet)

Sanford Homes is national homebuilder, and has its headquarters in Denver. Contracted to help Sanford employees leverage data via an intranet website from their AS400. Responsibilities expanded to include security and operational oversight of the server farm and involved interfacing with all of Sanford's operations including sales, construction, and warranty support. Wrote Cold Fusion applications to leverage the LDAP functionality of Windows 2000 ADS for security. Technologies included Windows 2000, Active Directory, Cold Fusion (4.0, 4.5, and 5.0), Microsoft SQL Server, stored procedures, dhtml, JavaScript, and DB2.

Got a Job (no longer in business)

Got a Job was a startup company designed to match potential employees with high-turnover employers (e.g. fast food). Initially contracted as project manager to troubleshoot and fix problematic development team methodology. Implemented industry standards and best practices in code development, re-architected/re-deployed the server farm, and migrated in-house development and server farm teams to the latest releases of Cold Fusion and Windows. Technologies included Windows, Microsoft Exchange Server, Solaris Unix, Cold Fusion, Oracle, JavaScript, dhtml.

March 2000 to September 2000, Sprint Enterprise Network Solutions, Colorado

Project Manager, Spectra Development CenterInternet Architect, eBusiness Solutions, Internet Development Center

Internet Architect responsible for designing and developing solutions on high visibility deployments. Technologies include Allaire Spectra, Cold Fusion, Sun Solaris, and Oracle 8i. All projects were enterprise-level projects involving clustered server/server farm environments. Responsibilities included full life-cycle project, as well as positioning Sprint-centric hardware and software solutions to meet client needs (firewall, virus protection, applications, etc). Managed project teams in sizes from three to thirty.

1999 to 2000, Total SumParts, Virginia

Project Manager, Cold Fusion Development TeamLead Developer, Cold Fusion

Project Manager responsible for complete life cycle development of several large projects using Cold Fusion - portal sites, eBusiness solutions, etc. Lead developer role in smaller projects using such technologies as Cold Fusion, Microsoft SQL Server, Oracle 8i, JavaScript, and html. Managed personnel to form teams of 5 to 15 people with specialized skills in website design and database management; supervised data entry engineers; conducted performance evaluations; set and managed project budgets; coordinated team projects across department boundaries.

1995 to 1999, C:\ Drive, Virginia

IT Infrastructure Operations ManagerLead Developer, Cold Fusion

Responsible for creating and managing the Internet services division of C:\ Drive. Evaluated Internet technology, legacy applications, and client goals to recommend, design, develop, implement, and roll out complete Internet solutions (hardware and software).

John MOYLES

Network and Systems Architect
Professional Experience

Denver, CO (USA)
(720) 201-8702
resume@johnmoyles.com

1993 to 1995, On-Site Computers, Virginia
Network Systems Manager

Partner in a computer service and support company. Consulted, designed, and implemented network solutions for businesses with 2 to 1000 users. Developed and implemented risk assessment and migration policies. Worked with IBM, Novell, Microsoft, and Artisoft networks.

1992-1993, Atlantic Data Systems, North Carolina
Lead Programmer

Lead programmer for multiple vertical applications projects. Worked with c, clipper, and various xbase databases.

1991, Jan Bell Enterprises, Florida
Programmer

Programmer for in-house system, including accounting, point-of-sale, inventory, and payroll. Worked with COBOL, TRANSACT, and Image/XL on HP mainframes.

1985-1991, United States Marine Corps
Military Service

Non-commissioned Officer (Sergeant) in the USMC. Received honorable discharge. Highly decorated, and received highest possible recommendation for re-enlistment.

CITIZENSHIP

U.S. Citizen

REFERENCES

Excellent references will be provided upon request.