

# Greg E. Watson

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## **Career Objective**

Acquiring a position with significant opportunity for growth. Ability to work with new technologies and thereby expand my experience. Become an integral member of a team responsible for successful completion of influential projects.

## **Security and Technology Manager**

2002 - Current Department of Military and Veterans Affairs (State of Colorado)

- Cyber Security SME (Subject Matter Expert) for the SAC (Senior Advisory Committee) on All Hazards for The Department of Homeland Security in Colorado
- Cyber Security Task Force Founding Member
- Interface with Federal Agencies such as Air Force, Army and Air National Guard to help provide integration and security to critical systems
- Help develop policies and procedures for State wide and National Scope
- Performed security audits of networks and systems to ensure compliance with policies
- Research, test, recommend, and install hardware and software to meet the needs of the department both internal and external
- Created a content management system to allow for different departments to update content on websites while allowing site administrators to control style and theme of pages
- Supported department IT needs, along with joint agencies such as Army/Air National Guard, Air Force, Office of Emergency Management, and others.
- Created, monitored, and updated firewalls from host based to network level
- Integrated network servers and workstations using Open Source Software (OSS) such as LDAP, Samba, NFS and others

## **Senior Systems Administrator**

2001 - 2002 Rand McNally, Inc.

- Maintained all development, staging, and production servers for core operations (data-center and local development office).
- Created entire custom statistics system with database logging and lookup, custom charting, and detailed reports from ground up.
- Responsible for backup of CVS code repository, site-wide statistics, and other mission critical software/data.
- Maintained all Internet services (Mail, WWW, DNS, Chat, VPN, etc.).
- Created and setup server health check, self-repair, and security scripts.
- Firewall and load balancer management for data-center and local office.
- Desktop support, including networked printers, switches/hubs, and cabling.
- Setup and maintained security policy and procedures including department-wide reconfiguration of procedures.
- Responsible for new hardware acquisition and installation as well as maintained current hardware systems.
- Worked with ISPs and hardware providers on different OSI levels to determine failures and implementations of services provided for improvements.
- Created and monitored procedures and policies for out-sourced monitoring and provided tier 3 & 4 support.

## **Systems Administrator**

1999 - 2001 Access Arkansas / Arkansas State University Mountain Home

- Maintained LINUX & UNIX based systems for Distance Education and E-Mail services on central based server for Access-Arkansas / Arkansas State University Mountain Home.
- Wrote custom integration system for Windows NT that allowed the university system to handle creation and removal of 5,000+ accounts a year (now completely automated).

- Trained/supported all of Arkansas' two-year college system administrators for custom distance education web based software.
- Entire website design - Graphics, HTML, DHTML, JavaScript, custom data warehouse CGI for online searches, secured areas, statistics, and custom online server management.
- Custom programmed applications - Database conversion, converting from non-standard unspecified formatted files to standard format.
- Custom Win32 database front end with search and user displays.
- Demonstrated a "walk-through" of the proposed buildings added to the campus in 3D Graphics using CAD software from a 2D picture.
- Troubleshoot and repair miscellaneous problems at the University (hardware and software).

### **Computer Systems Specialist**

1996 - 1999 A Plus Computers, Inc. Harrison, AR

- Decision One Field Engineer – service on all state and federal offices (DHS, DMV, SSI, DCS) and corporate computer systems such as Dell, Compaq, Tiger Direct, Lexmark, Hewlett Packard, IBM, Packard Bell, Gateway, MWM, AT&T, 3COM, Acer, AOpen, NetPlex, MXTX, and Saber & World Span / ICOT.
- TCP/IP and Internet (Domain setup, DNS, DHCP / PROXY, WWW IIS3- IIS5).
- MS-Exchange Server 5.5 Setup and administration with Outlook 97-2000.
- Microsoft Access 97 Database programming (both MDB and MDE formats).
- Web site design and setup - HTML/ASP and FrontPage 98-2000.
- Hardware and software installation and troubleshooting / repairs to computers and peripherals (scanners and printers) as well as Year 2000 scanning / repairs (Y2K).

### **Other Experience**

- Experience with most major OS, MS-DOS, Dr. DOS, Win3.x – Win XP, WinNT/2000, WinCE, Linux (Red Hat, Mandrake, and Slackware), UNIX (Solaris & HPUX), OS/2
- CAD/3D Software experience, 3D Studio Max R1 - R4, True Space 1 - 3, Bryce 4, etc.
- 2D Graphics - Adobe Photoshop 4 – 7.0 & Adobe Image Ready, The Gimp
- ADSL, T1-T3, ISDN, and other dedicated Internet connections
- Microsoft Visual C++/C# including MFC, ISAPI, DAO, ODBC, DirectX, COM/DCOM
- UNIX skills Vi, Vim, Pico, sh/bash, Python, PHP, X Windows, working with Perl and other shell scripts
- Dynamic websites MySQL, PHP, and CGIs
- Protocols TCP/IP TCP/UDP/ICMP (SNMP, STMP, POP, IMAP, HTTP, HTTPS, SSL, SSH, FTP, DNS, TELNET, etc.)
- Network monitoring and security (restricted access/firewalls – iptables & ipchains/etc.)

### **Education**

- 2001 - Registered Microsoft Beta tester for Visual Studio.NET (C#).
- 2000 - Registered Blizzard Beta tester for Diablo 2.
- 2000 - Arkansas State University Mountain Home (CAD II).
- 1999 - Microsoft Tech Net Little Rock, AR (Win2000 & Office2000).
- 1998 - Microsoft Visual C++ 5 & 6 MFC / Windows API.

1997 – Windows NT Server 4 – Custom Micro Harrison, AR

- (MCPS) Microsoft Certified Product Specialist Training Course.

1994 – 1996 North Arkansas College Harrison, AR

- Core courses with emphasis on computer programming.