BJ Lindholm

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Microsoft

- **MCP:** (Microsoft Certified Professional) for Server 2008, Vista, Windows XP, Server 2000, 98, NT 4, 95, NT 3.51, IIS 4, Site Server 3, SMS Server 2, Proxy Server 2, ISA Server 2000, 2004, Exchange Server 5.5, 2000, 2003, 2007, SQL Server 2000, 2005, VB 6, VB.NET
- **MCP+Internet:** for IE4 & IE5
- **MCP+Site Building:** for FP98 & Site Server 3.0 Commerce Edition
- **MCSE:** (Microsoft Certified Systems Engineer) for Windows NT 3.51
- **MCSE+Internet:** (Microsoft Certified Systems Engineer) for Windows NT 4 & Exchange Server 5.5
- **MCSE:** (Microsoft Certified Systems Engineer) for Windows 2000, 2003, 2008
- **MCSE Early Achiever:** (Microsoft Certified Systems Engineer) for Windows 2000
- **MCSD:** (Microsoft Certified Solution Developer) for Visual Basic 6, Visual Basic .NET
- **MCAD:** (Microsoft Certified Application Developer) for Visual Basic .NET
- **MCDBA:** (Microsoft Certified Database Administrator) for SQL 2000, 2005
- **MCSA:** (Microsoft Certified System Administrator) for Windows 2000, 2003
- **MCSA Charter Member:** (Microsoft Certified System Administrator) for Windows 2000
- **MCT:** (Microsoft Certified Trainer) for MOC Courses

Linux (Redhat, Fedora, CentOS, Ubuntu, Debian)

- **Linux+**

CompTIA (Computing Technology Industry Association)

- **A+: Network+: i-Net+: Server+: Security+, e-Biz+: ITPro+, CTT+**

CIW (Certified Internet Webmaster)

- **CIW Associate: CIW Master Designer: CIW Instructor**

Cisco

- **CCNA:** (Certified Cisco Network Associate)

Other Computer Related

- **BASIC Programming:** from Auburn University
- **FOA Certified:** from Fiber Optic Association
- **Certificate of Authorization of Service:** from State of California

Automotive Related

- **ASE** (Automotive Service Excellence) **Certified Master Technician**

Education;

- **Mechanical Engineering - Bachelor**: Auburn University
- **Computer Science - Associates**: AESA
- **Advanced Placement Diploma:** Auburn High School In Physics & Calculus
- **AutoCAD Pilot Class:** Auburn University (Participated in and completed the first ever engineering planning & design class based on AutoCAD at AU)•

Experience;

Full Spectrum Computer & Network Solutions

- **Position • Location • Period:** Network Administrator Manager • Sacramento, CA • 2002 - Current
- **Responsibilities:** Management of employees, client services, technical projects, daily operations, and research and development. Architecture, deployment, administration, and recovery of business systems, networks, servers, remote infrastructure, software, and web hosting.
- **Most Noteworthy Accomplishment:** Deploying a multiple high speed internet access projects in several cities.
- **Additional Infrastructure Accomplishments:** Designed and maintained multi-site business networks, remote access and out-of-band management environments, virtualized server and storage infrastructure, backup and recovery systems, and secure site-to-site connectivity.
- **Web Hosting & Software Development:** Built and administered self-hosted and commercial web environments; developed and maintained websites, server-side applications, relational databases, operational reporting, and custom administration tools; integrated domain, DNS, certificate, email, and database services.
- **Remote Management & Business Continuity:** Integrated Intel AMT/vPro, MeshCommander, AMD DASH, Dell iDRAC, VNC, RDP, and hardware/serial consoles; performed remote diagnostics, system recovery, migration, data preservation, and standby infrastructure planning.
- **Specialized Engineering:** Implemented embedded Linux and router firmware; network surveillance, wireless bridges, and remote monitoring; solar-powered equipment stations, battery and charging systems, power continuity, serial telemetry, and physical network infrastructure.
- **Additional Client Systems:** Administered Microsoft 365 and Exchange services; supported medical, legal, staffing, accounting, document-management, and remote application environments; deployed VoIP/PBX services, security systems, and office peripherals.
- **Technologies Utilized:** Operating Systems, Databases & DB Clients, Email Servers & Clients, Proxy Servers, Management Software, Networking (TCP/IP, DNS, DHCP, NetBEUI, WINS), Wireless Networking Security Services along with VPN (PPTP, IPSEC, OpenVPN), Programming Languages (Visual Basic, Java, HTML), Multimedia & Graphics Applications, Hardware, RAID, assembly, Voice over IP, Security, Medical Records, Hardware, etc. Additional Experience: Virtualization & Clustering, Remote/Out-of-Band Infrastructure, Bare-Metal Recovery, Storage & Replication, Linux/Embedded Systems, Web Hosting & Content Management, Certificate Automation, Cloud Email Administration, Monitoring & Telemetry, Solar & Backup Power, Network Audio & Streaming.
- **Products Used:** Windows 7, Windows Server 2008, Vista, Server 2003, XP, Server 2000, NT 4, 98, 95, 3.1, DOS: Office 2007, 2003, XP, 2000, 97 (Word, FrontPage, Outlook, PowerPoint, Access): Visio 2007, 2002, 2001: IIS (Internet Information Services) 7, 6, 5.1, 5, 4: TCP/IP, NetBEUI, RRAS (Routing & Remote Access Service): Indexing Service: Exchange Server 2007, 2003, 2000, 5.5: SQL Server 2005, 2000: ISA (Internet Security & Acceleration) Server 2004, 2000: Proxy Server 2: Share Point Server: SMS (Systems Management Server) 2: Site Server 3 - Commerce Edition, DotNetNuke: Active Directory, Visual Studio .NET, 6: Visual Basic .NET, 6, VBA, VBScript: ASP.NET, 3: ADO.NET, 2.7, 2.6, 2.1: DHTML, HTML, CSS: Internet Explorer 8, 7, 6, 5.5, 5, 4: Cisco 2610 Router & IOS 11.x: CorelDRAW 14,13,12,11,10, 9, 8, 7: Adobe: Macromedia: AutoCAD, 12: Sound Forge: Wave Lab: Symantec & Norton Products: NTFSPro 4, 3: Linux, Ubuntu, Red Hat, Shorewall, IP Tables, Trixbox, Asterisk, Apache, ProFTPD, BIND, Samba, TFTP, MySQL, CLAM, MailScanner, Postfix, SendMail, SpamAssassin, OpenSwan, OpenVPN, Joomla, OpenWRT, DD-WRT, other Linux based technologies, etc. Recent Platforms & Products: Windows 10/11, Windows Server 2012/2016/2019/2022, Microsoft 365/Exchange Online, Debian, Rocky Linux, Proxmox VE/Backup Server, VMware, Hyper-V, QEMU, TrueNAS, ZFS, Dell PowerEdge/iDRAC/PERC, Intel AMT/vPro, MeshCommander, AMD DASH, Fortinet, pfSense, OpenVPN, MikroTik, Ubiquiti, Apache, PHP, MySQL/MariaDB, WordPress/Bricks, OpenSSL/ACME, OpenWRT/U-Boot, ALSA/PulseAudio/MPD/RTP, RS-485, LiFePO4/BMS, Solar Charge Controllers, Delta-Q QuiQ.

AESA

- **Position • Location • Period:** Network Administrator & Instructor • Colfax, CA 1998 - 2002
- **Responsibilities:** Analyzed, designed, built, documented, and maintained the entire server, workstation, network, and email infrastructure. Created custom web applications and software solutions. Managed MCP and CTEC program in addition to teaching responsibilities and curriculum development for Microsoft courses.
- **Most Noteworthy Accomplishment:** Deploying a Windows 2000 and Active Directory infrastructure at multiple campuses and facilitating the schools Microsoft Gold Partner status.

- **Instruction & Technical Leadership:** Developed Microsoft course curricula and practical laboratories; instructed certification-oriented operating system, networking, and server courses; administered the MCP and CTEC programs while maintaining multi-campus servers, workstations, directory services, email, and network connectivity.
- **Technologies Utilized:** Operating Systems, Databases & DB Clients, Email Servers & Clients, Proxy Servers, Management Software, Networking (TCP/IP, DNS, DHCP, NetBEUI, WINS), Security Services along with VPN, Programming Languages, Multimedia & Graphics Applications
- **Products Used:** Windows .NET, XP, 2000, NT 4, 98, 95, 3.1, DOS: Office XP, 2000, 97 (Word, FrontPage, Outlook, PowerPoint, Access): Visio 2002, 2001: IIS (Internet Information Services) 6, 5.1, 5, 4: TCP/IP, NetBEUI, RRAS (Routing & Remote Access Service): Indexing Service: Exchange Server 2000, 5.5: SQL Server 2000: ISA (Internet Security & Acceleration) Server 2000: Proxy Server 2: Share Point Server 2001: SMS (Systems Management Server) 2: Site Server 3 - Commerce Edition: Active Directory, Visual Studio NET, 6: Visual Basic NET, 6, VBA, VBScript: ASP.NET, 3: ADO.NET, 2.7, 2.6, 2.1: DHTML, HTML, CSS: Internet Explorer 6, 5.5, 5, 4: Cisco 2610 Router & IOS 11.x: CorelDRAW 10, 9, 8, 7: Adobe: Macromedia: 3DS 4: AutoCAD 2002, 2000, 12: Sound Forge: Wave Lab: Symantec & Norton Products: NTFSPro 4, 3: Ghost 7.5, 7, 5: System Commander

MTI College of Business

- **Position • Location • Period:** Instructor • Sacramento, CA 2000
- **Responsibilities:** Taught Windows NT 4 related courses.
- **Technical Instruction:** Delivered classroom and practical Windows NT 4 instruction, including operating-system administration and related networking services.
- **Most Noteworthy Accomplishment:** Doing two jobs: stayed fit and didn't get dumped by girlfriend.
- **Technologies Utilized:** Operating Systems, Networking Services, Office Applications
- **Products Used:** Windows NT 4, DOS: Office 2000, Internet Information Services 4, Remote Access Service: Internet Explorer 5: Ghost 5: System Commander

Terrawide Systems Inc.

- **Position • Location • Period:** Senior Technical Advisor • Auburn, AL 1994 -1998
- **Responsibilities:** Maintained client's computers, network systems, databases, email servers, and firewalls. Developed custom software solutions using Visual Basic (VB, VBA, VBScript) and HTML technologies. Built custom computer systems. Designed multimedia and graphics.
- **Most Noteworthy Accomplishment:** Assisting in long term deployment of operating systems and network at City of Auburn.
- **Technologies Utilized:** Operating Systems, Databases, Email Servers, Firewall Servers, Management Software, Networking Services, Programming Languages, Multimedia & Graphics Applications, Hardware
- **Products Used:** Windows NT 4, NT 3.51, NT 3.11, 98, 95, WFW, 3.1, DOS: Office 97, 95: IIS (Internet Information Services) 4, 3: Indexing Service: Exchange Server 5: SQL 6: Proxy Server 1: SMS (Systems Management Server) 2: Visual Basic, Q-Basic, Batch, Remote Access Service: Internet Explorer 4, 3: Netscape Navigator 3: CorelDRAW 7, 5, 3: Adobe: AutoCAD 12: Symantec & Norton Products: Ghost 7.5, 7, 5: System Commander

ArDorado Industries

- **Position • Location • Period:** Technician • Auburn, AL 1993
- **Responsibilities:** Answered calls for technical assistance. Built and configured computer systems. Installed operating systems.
- **Most Noteworthy Accomplishment:** Configuring the built in networking capabilities of WFW and phasing out the use of LANTastic.
- **Technologies Utilized:** Operating Systems, Networking Services, Hardware
- **Products Used:** Windows for Workgroups, 3.11, 3.1, DOS 6.22, 6, 5: Phillips Screw Driver

World Wide Imports

- **Position • Location • Period:** Owner, General Manager, Technician • Auburn ,AL 1994 - 1996
- **Responsibilities:** Supervised all aspects of business. Serviced automobiles. General Construction. Created advertising and promotional campaigns. Maintained business computers

- **Most Noteworthy Accomplishment:** Finishing automotive career and devoting full time to computers.
- **Technologies Utilized:** Automotive Related - Engines, Management Systems, Brakes, Transmission, etc: Computer Related - Operating System, Hardware
- **Products Used:** Volkswagen, Audi, BMW, Saab, Volvo, Toyota, Nissan, Honda, Mitsubishi, Hyundai, Subaru, Mazda: Windows, DOS

Volkswagen Doctor & European Car Connection

- **Position • Location • Period:** Owner, General Manager, Technician • Auburn, AL 1986 -1994
- **Responsibilities:** Supervised all aspects of business. Serviced automobiles. General Construction. Created advertising and promotional campaigns. Maintained business computers.
- **Most Noteworthy Accomplishment:** Building a company from nothing into a thriving business
- **Technologies Utilized:** Automotive Related - Engines, Management Systems, Brakes, Transmission, etc: Computer Related - Operating System, Hardware
- **Products Used:** Volkswagen, Audi, BMW, Saab, Volvo: Windows, DOS, Commodore 64K

SteamEx Carpet Cleaning

- **Position • Location • Period:** Owner, General Manager, Technician • Auburn, AL • 1986 -1988
- **Responsibilities:** Supervised all aspects of business. Cleaned Carpets. Repaired Equipment. Created advertising and promotional campaigns. Maintained business computers.
- **Most Noteworthy Accomplishment:** Building a company with 3 partners, that is still in business today.
- **Technologies Utilized:** Cleaning Related – Steam Carpet Cleaning, Management of Business, Small Engine and other repairs, etc: Computer Related - Operating System, Hardware
- **Products Used:** Steam Carpet Cleaning Equipment, Briggs & Stratton, IBM PC Jr

Tiger Magazine & Campus Crosswalk

- **Position • Location • Period:** Co-Publisher • Auburn, AL 1985 -1986
- **Responsibilities:** Sold advertising. Created ad and print copy. Wrote stories.
- **Most Noteworthy Accomplishment:** Having a larger readership than the campus newspaper.
- **Technologies Utilized:** Computers, camera equipment, layout equipment
- **Products Used:** IBM PC Jr., DOS, Commodore 64K

TV Track

- **Position • Location • Period:** Co-Publisher • Auburn, AL 1985
- **Responsibilities:** Sold advertising. Created ad and print copy.
- **Most Noteworthy Accomplishment:** Controlling my own business while still in high school.
- **Technologies Utilized:** Computers, camera equipment, layout equipment
- **Products Used:** IBM PC Jr., DOS, Commodore 64K

Community, Sports, & Other Achievements;

Community

- **Soccer Coach**: 5 Years (10 different teams): 6 & 7 Year Age Group
- **Cub Scouts & Boy Scouts**: Cub Scouts-Bear: Boy Scouts-Life Scout: Boy Scouts-Assistant Scout Master

Sports

- **Swimming Team**: Assorted 1st, 2nd, & 3rd Place Trophies
- **Soccer Player**: 4 Years (8 teams): Auburn City Championship & State Championship Tournaments
- **Road Races & Triathlons:** More than 40 1st, 2nd, & 3rd Place Medals & Trophies (6 in 2002)

Writing & Web Authoring

- **Rise of the Salton Sea:** Editor and Writer
- **Herbie: The Millennium Bug:** Script
- **Terminator 3: Resurrection Day:** Script (not produced)
- **LifeOfTheSaltonSea.com:** History of the Salton Sea
- **Wiki.TerraBase.info:** IT Related Articles
- **BJLindholm.name:** Thoughts, Ideas, and Stories
- **Wiki.RiseOfTheSaltonSea.com:** 'Encyclopedia Galactica' equivalent for the novel, Rise of the Salton Sea

Software Development & Programming

- **MP3BitRate:** ActiveX Server
- **CDDB MP3 ID3Tagger:** Software Application
- **TerraBase:** Search Engine
- **MP3Base**: Indexing, Access, & Organization using .NET