

# Bryan McLellan

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## OBJECTIVE

Systems/Network engineering position that will capitalize on my adaptive technical skills to provide scalable solutions to unique problems.

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## PROFILE

- Strong troubleshooting and technical comprehension skills
- Solid understanding of network topologies, designs and concepts
- Enthusiastic and self-motivated to learn new technologies rapidly
- Open source contributor, advocate, and community member
- LPIC-2, MCSE: 2003, MCDBA, Cisco CCNA, CompTIA A+, Network+ and Security+ Certified

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## SKILLS

- GNU Linux (Ubuntu, Gentoo, Debian, Redhat), FreeBSD, OpenBSD as servers, workstations, routers and firewalls in corporate, small ISP and hosting environments for over 10 years
- Systems automation, integration, monitoring and trending frameworks
- Cisco routers, switches and firewalls (PIX) in tiered dynamic routing environments
- TCP/IP network infrastructure design, configuration and monitoring including DNS, DHCP, PXE, SNMP, LDAP, BGP, OSPF, RIP

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## EMPLOYMENT

**Webtrends**, Seattle, Washington  
*Systems Administrator*

7/2009-Present

- Engineered and maintained operations infrastructure for major company product
- Leveraged virtualized and cloud systems to scale systems as necessary for business goals
- Lead the use of cloud resources to deploy the product into growing markets
- Participated in multiple open source communities to utilize new technologies

**Widemile**, Seattle, Washington  
*Systems Administrator*

11/2007-7/2009

- Built scalable infrastructure utilizing configuration management tools such as Chef and Puppet
- Configured monitoring and trending using nagios, cacti, ganglia, and munin
- Managed virtualized Debian/Ubuntu Linux systems environments utilizing kvm and libvirt
- Maintained data center network including F5 BigIP, Cisco 2800, PIX, ASA, and 6500 platforms
- Administered production and internal MSSQL + MySQL database clusters
- Supported and administered Microsoft Servers (Active Directory, Sharepoint, Exchange, OCS)

**Haydrian Corporation**, Bellevue, Washington  
*Systems Administrator*

10/2006-10/2007

- Responsible for IT and support for 75+ employees across multiple international locations
- Reduced IT hardware needs through consolidation and virtualization using VMware Server
- Re-architected Active directory/LDAP infrastructure to facilitate multiple AD sites
- Assisted engineering with SuSE and Ubuntu Linux systems and bash, python scripting
- Planned and implemented data center UPS backup with Liebert NX series equipment
- Automated hardware and software inventory using OCS and GLPI open source projects

**Strategy Computers**, Bellevue, Washington

1/2006-9/2006

*Technical Manager / Instructor*

- Managed consulting division and built new customer relationships
- Supervised and mentored technical employees and projects
- Instructed Microsoft, Cisco and CompTIA courses

**LN Networks**, Ellsworth, Maine

3/2004-8/2005

*Owner*

- Designed NOC to perform co-location and Internet access for local customers
- Built mail, web and file servers using Gentoo Linux and router/firewalls using OpenBSD/pf
- Performed regional consulting services and oversaw contractors
- Managed all company finances, advertising and organization

**Crow International, Inc.**, Ellsworth, Maine

1/2003-8/2005

*Project Leader, Telecommunications Salvage*

- Directly supervised two crews removing telecommunications equipment across the eastern US
- Managed logistics for loading and shipping overseas containers
- Maintained relations and scheduling with national contract customer
- Performed the majority of regional trucking (Class B) for company

*Project Leader, Caribcom*

- Designed VoIP system for prepaid international voice communications using Asterisk
- Traveled overseas to develop service criteria onsite

**Panax Communications, Inc.**, Ellsworth, Maine

1/2000-1/2003

*Systems Engineer*

- Oversaw all system and network operations for state-wide Internet Service Provider
- Made all IT purchasing recommendations and supervised IT/support staff
- Transitioned ISP to the first Verizon IPRS (Outsourced dialup, L2TP VPN) customer in the state
- Managed network growth from Cisco 2500s through to 7200VXR platform and Catalyst switches
- Designed load balancing server infrastructure using open source software
- Administered internet backbones from single T1 to multi-homed network with multiple T1s and a fractional T3 using BGP. Handled VPN backbone growth from frame relay T1s to ATM T3
- Maintained internal web interfaces and scripting for customer management using perl, php and shell scripting languages and mysql database

**Strong's Electronic Sales**, Ellsworth, Maine

6/1998-1/2000

*Electronics Recycler / Systems Administrator*

- Removed used electronics and telephone switches at customer sites
- Disassembled electronics for recycling in warehouse
- Sorted and tested electronics for reuse and resale
- Managed company email, web and backup servers using Linux and FreeBSD
- Build and maintained all telephony and data networks for multi-tenant office building

**PC Tech Computers**, Ellsworth, Maine  
*Computer Technician / Systems Administrator*

9/1996-6/1998

- Built new, troubleshot and repaired x86 systems
- Installed 10base2 and 10baseT wired Ethernet networks at customer premises
- Designed local ISP on Livingston infrastructure
- Maintained Windows NT mail and web server
- Managed growth utilizing USR digital communications equipment and Linux/FreeBSD servers

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#### **CERTIFICATION, TESTING AND EDUCATION**

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May 2010	70-642 TS: Windows Server 2008 Network Infrastructure, Configuring
Jan 2009	70-620 TS: Configuring Microsoft Windows Vista Client
Aug 2007	O'Reilly School of Technology, JavaScript 1: Introduction to JavaScript
Jun 2007	LPI-201 Linux Professional Institute Level 2 LPI-202 Linux Professional Institute Level 2 LPI-101 Linux Professional Institute Level 1 LPI-102 Linux Professional Institute Level 1
Sep 2006	70-294 Planning, Implementing and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure 70-297 Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure
Aug 2006	SY0-101 CompTIA Security+
Jun 2006	70-228 Installing, Configuring, and Administering Microsoft® SQL Server 2000
Mar 2006	70-229 Designing and Implementing Databases with Microsoft SQL Server 2000
Feb 2006	70-293 Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure
Jan 2006	640-801 Cisco Certified Network Associate
Dec 2005	70-290 Managing and Maintaining a Microsoft Windows Server 2003 Environment 70-291 Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure 70-270 Installing, Configuring, and Administering Microsoft Windows XP Professional N10-003 CompTIA Network+ 2005 220-301 CompTIA A+ Core Hardware 220-302 CompTIA A+ Operating System Technologies
Fall 2005	Strategy Computers, Bellevue, WA: Completed Microsoft Certified Systems Engineer 2003, Microsoft Certified Database Administrator, Cisco Certified Network Administrator, and Security training courses
May 2002	640-505 Cisco Remote Access
Dec 2001	640-506 Cisco Support
Sep 2001	640-504 Cisco Switching
Aug 2001	Alvarion / BreezeCom BreezeAccessII Certified Network Engineer
Oct 2000	640-507 Cisco Certified Network Associate

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