

# BRIAN CAHILL

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*Seeking multi-faceted and challenging position, managing development of new solutions and elimination of old problems.*

## PROFESSIONAL EXPERIENCE

**Nexstar Broadcasting Group - Irving, TX**

**(September 2007 – Present)**

### *IT Manager*

- Started as a Linux/Network Systems Analyst (9/07), promoted to Administrator (5/08), Engineer (7/08) and then Manager (1/09).
- Responsible for planning and implementing a centralized network for 31 locations with redundant routing over MPLS and ISP networks. Resource centralization was implemented using Windows AD, MSSQL, Terminal Servers and Exchange. Each station network is currently being reworked to enable full routing.
- Transitioned the web environment from single servers to a load balanced farm. A MySQL Master-Master database was configured with read only slaves along with implementation of centralized storage, redundant web servers and F5 load balancers. What used to be an overloaded application with many single points of failure is now running smoothly and any glitches on the back end are unnoticed by end users.
- Moved the corporate data center and re-architected its design to implement fault tolerance and achieve significant cost savings.
- Developed new Fedora video encoder platform and remotely implemented migrations in 30 locations. Project saves the company \$15,000 a year in licensing costs and stability improvements have saved many hours of support time. Subversion was also introduced to maintain version control.
- Implemented and configured open source monitoring system for MPLS, Linux and Windows devices.
- Systems support for Active Directory, SQL Server 2005, Cisco routers and firewalls, Exchange 2007 and backups.
- Introduced blades, SAN and virtualization to significantly reduce TCO in the datacenter.

**International ALERT Academy - Big Sandy, TX**

**(March 2002 – September 2007)**

### *Database / Network / Telecom Administration*

- Designed a custom solution for data management using Sql Server that maximized efficiency by merging information from various departments into a central location. Ongoing support and training is given to over 100 employees who utilize this database to enter 14,000 new records each month. Tasks are expedited as this tool is used to create transcripts, coordinate deployments, process evaluations, operate retail sales, manage event registration, track donations and oversee the corporate key system.
- Developed a custom email list server for communicating with supporters and potential customers. Integration with the central database and an online update form has helped expand contacts by over 700%.
- Created a design plan and cost analysis to expand the existing network using coax, encrypted wireless links and fiber cabling. Administrative approval was gained and four new buildings received network access.
- Built three fault-tolerant Linux firewalls to expand network capacity and improve security.
- Conserved resources through an innovative use of open source technology that converted retired computers into usable thin clients. Procedures were documented for future use.
- Administered Windows 2003 Domain Controllers running databases, virus scan, VPN, file server, Point Of Sale, Exchange, LDAP, QuickBooks, and tape backups.

**Just Balance Network – Irving, TX**

**(April 2004 – Present)**

### *Website design and hosting*

- Customized Open Source Programs to give clients control of their own online content.
- Maximized the efficiency of a Linux web server while maintaining application availability and security.
- Responsible for website design, hosting, database maintenance, backups and end user support.

**Craig Eye Associates - Henderson, TX**

**(September 2005 – August 2007)**

**Ladage Cahill Clinic - Henderson, TX**

**(September 1995 – August 2007)**

***IT Specialist / Consultant***

- Improved network security and reliability using wired and wireless solutions and custom Linux firewalls.
- Conserved resources by helping staff maintain and utilize current equipment.
- Worked with end users over the phone to resolve problems.

**TECHNICAL EXPERTISE**

IT Certs:	RHCE 5.0, MySQL DBA 5.0, CCNA, MCSE-Security 2003, MCSE-Messaging 2003, MCDDBA 2000, MCDST XP, LPIC-2, A+, Net+, Security+ (working on CCNP – 1 of 4 tests completed)
Telecom Certs:	Toshiba Strata CTX (Basic, IP, ISDN, ACD), Strategy Voice Mail
OS:	Windows: 9x/2000/XP/2003/2008 Linux: Debian/RHEL/Ubuntu/Fedora VMWare/XenServer
Protocols:	DHCP, DNS, FTP, HTTP, IMAP, NAT, POP3, PPTP, SMTP, SQL, SSH, SSL, TCP/IP, TFTP, VBA

**EDUCATION**

**Northcentral University** –MBA/MIS, DMD Honor Society, 4.0 GPA, 1/2009

**North Tennessee Bible Institute** – BA: Biblical Counseling with Public Safety Emphasis, 3.7 GPA, 5/2007

**Intl. ALERT Academy** – Certification in Leadership, Management and Disaster Relief, 3.8 GPA, 5/2000

**Other** – Eagle Scout, Presidents Volunteer Service Award