

Sean McPherson
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Objective:

To obtain a position that utilizes my experience in responsibility for all aspects of data center implementations and maintenance, as well as growing businesses from inception to profitability.

Background:

10 years of experience in design, implementation, troubleshooting, and maintenance of Data Center Operations and supporting IT systems, including LAN/WAN, Systems Administration, Backup/Restore/Disaster Recovery, Mission Critical Applications, Network and Physical Security, and N+1 Facilities Management. Strong track record of staying with an employer (Average time with an employer of over 5 years) and improving operations through continuously improving performance, demonstrated work ethic, and team skill-building.

Notable Accomplishments:

NTR.Net/IXC/Broadwing (1995-1999)

One of first dozen employees at NTR.Net, a fast -growing, locally-owned Louisville, KY-based ISP formed in 1995. By 1998, when the company had grown with a proven track-record and was targeted for purchase by a national telecommunications carrier, was responsible for all day-to-day operations of Customer-facing systems and networks of Louisville-based data center facilities. By the fall of 1999, was Manager of Systems/Network Operations, when the company merged with another telecommunications carrier. Responsibilities included managing the final-tier support staff for all internet, telecommunications, and ISP functions, as well as all implementation and maintenance of equipment and facilities.

Xodiax/Peak10 (1999-Present)

Co-founder and Director of Operations of a first-of-it's-kind Data Center and Disaster Recovery facility located in Louisville, KY. Participated in all design, strategy, venture-capital, and service-delivery activities to provide exceptional resources to an area where businesses had previously been forced to build their own data centers or depend on out-of-state service providers. Opened first 5,000 square foot facility and provided managed deployment of services to around 200 cabinets, open racks, and cages spaces of customer or company equipment. Company revenues quickly grew from \$0 to \$4 Million via 150+ clients in 5 years, creating first an EBITDA positive and then a profitable/cash-flow positive operation with low-debt overhead, all with a staff of around a dozen. In 2004, Xodiax was named the 16th fastest-growing privately held company in Louisville on Business First's "Fast 50" list as well as 85th on INC Magazine's "500 fastest growing companies". In the fall of 2004, Xodiax merged with Peak 10, another similarly-styled regional Data Center provider, forming the Southeast's leading data center services provider. In addition to Operations duties, performed roles such as Project Manager for several large accounts (billing in excess of \$20,000 per month), trainer for incoming engineers and technicians, technical writer for both internal and customer-facing documentation on policies/procedures and proper practices. Most recently heavily involved in all aspects of design and contract work for additional 12,000 square feet of data center space in a newly-acquired 25,000 area.

Community (1995-Present)

Involved in technology community outreach as the Vice-President of local Linux User's Group, a contributor to local news organizations for IT related topics, a developer of the Louisville Technology Acronym Bee to benefit the National Center for Family Literacy, a regular speaker at CIS classes at the University of Louisville's School of Business, and a contributing author to CNET/Tech Republic Linux Republic magazine.

Certifications/Education:

Red Hat Certified Engineer (1999 through present) with Perfect Scores on RHCE Exam and Labs
Linux Professional Institute Certification (2002 through present)
University of Louisville - School of Business (1996-1997)
University of Louisville - Speed Engineering School (1994-1996)

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Technical Background and Platforms:

Operating Systems -

- Linux (1992 through present, including Red Hat Enterprise Linux, Fedora Core, Debian, Gentoo, Mandriva, Novell/Suse, others)
- Microsoft (1986 through present, including Windows Servers NT3.51/NT4/2000/2003, Workstations 3.1/95/98/ME/2000/XP, DOS)
- Unix (1988 through present, including BSDi/Free-Net-OpenBSD, SGI/Irix, Sun/SunOS-Solaris, SCOUnix/Unixware-OpenUnix, HP/HPUX)

Hardware Platforms -

- x86 Servers (IBM XSeries, Dell Poweredge, HP Netserver, Compaq Proliant)
- Other Servers (Apple, SGI, Sun, HP bundled server/OS installations)
- Network Devices (Cisco 1600-7500 IOS/CatOS devices, Juniper M5-M7 JunOS, Foundry BigIron/ServerIron, F5/Netscreen/Sonicwall, others)
- Backup/SAN/NAS (DAT/AIT/SDLT/Ultrium tapes, IBM FastT and EMC Clarion SAN, Fastora NAS)

Database Systems -

- MySQL (1996 through present, Detailed Installation, optimization, upgrades, maintenance, and failover)
- Microsoft (1998 through present, SQL 6 through 2000)
- Sybase/PostgreSQL (1996 through present, Day-to-day maintenance, patching, and scripting support)

Facilities -

- HVAC (CRAC units from 2 to 30, total systems capacity in excess of 300 tons)
- UPS (Standalone and clustered units from 24 to 600 kVA for a total system capacity of 1000+ kVA)
- Generators (Backup generators, tank/fuel contacts, ATS systems, Main and Emergency Power Distribution, total system capacity approaching 3 MW)
- Fire-Suppression (Operations of FM-200/FE-25 raised-floor zoned systems from 200 to 5,000 square feet)
- Electrical Distribution (Managed Deployment and Monitoring of 1200A+ 3phase 480V circuits out to termination at 20A@1phase 120V)
- Physical Deployment (Raised floor management, Subfloor cabling and labeling, Rack Layout, Leak Detection)
- Security (CCTV and IP-based Cameras, Badge Access, Biometrics)

Applications -

- Basic Services (DNS/DHCP/FTP/Syslog/NTP/TFTP/NNTP/Samba)
- Authentication (Tacacs+, Kerberos, LDAP, RADIUS)
- Web - HTTP/HTTPS (Apache, AolServer, IIS, Netscape Commerce Server, Tomcat)
- Email - SMTP/POP/IMAP (Exchange 5.5/2000, Sendmail/Postfix/Exim/QMail, Barracuda Networks Appliances)
- Scripting (Bash/sh, Awk/sed, Perl, PHP, expect)
- Remote Access (SSH, VPN/IPSec, PPTP, VNC, RDP, PC Anywhere)
- Antivirus (Norton, Symantec, AVG, ClamAV)
- Backup (Veritas Netbackup Datacenter, BackupExec, Legato Networker, Ghost, Mondo, onsite/offsite media)
- Office/Layout (MS Office/Visio/Project, OpenOffice, Wordperfect, Various WIKI implementations)
- Monitoring/Reporting (MRTG/RRDTool, Cricket, Nagios, OpenNMS, IPMonitor, UCD-SNMP, Netflow)
- Ticketing/CRM (Remedy, HEAT, Siebel, OTRS)