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QUALIFICATION HIGHLIGHTS:

- 25+ years IT experience enabling the growth of a \$4 billion, 450+ store, 25,000+ employee organization.
- More than 8 years senior level IT management experience.
- More than 10 years experience managing a 12+ member IT department.
- More than 15 years experience researching, designing, and managing systems, network, and security related projects on an enterprise level.
- Extensive experience with large scale enterprise architecture and management ranging across 2 datacenters, 40+ states, 450+ sites, 10,000+ Unix/Windows systems, 10,000+ end users, and 20,000+ devices.
- Senior systems architect with extensive top level engineering and “last resort” problem solving.
- Systems programmer specializing large scale system and network automation tools.
- Wide experience with Oracle database, middle-tier, and client networking.
- Extensive computer security experience including governance, compliance, policy creation, hardening, firewalling, incidence response, and customer and employee data protection.
- Significant experience in the design of large datacenter HA and DR setups.
- Extremely wide scope of understanding of computer architectures - from systems programming, to OS configuration, to systems integration, to LAN configurations, to WAN configurations, to telecom, to Internet configurations.
- Extremely diverse experience base of different hardware platforms, software products, peripherals, and networking equipment, including vast Unix and Windows experience.
- Extensive personnel management experience, including numerous candidate selections, employee evaluations, and terminations.
- Significant experience with purchasing and contract negotiation including numerous RFP and SOW cycles.

SKILLS/EXPERIENCE SUMMARY:

- OS Platforms: Unix (SuSE, RedHat, Fedora Core, Ubuntu, Solaris, SunOS, Sequent PTX), Windows 8/7/Vista/XP, Cisco IOS, Cisco CatOS, Apple iOS, Android, Windows Mobile, PalmOS, MS-DOS
- Networking: Enterprise class Cisco routers/switches (Nexus, 6500, 7000 series), Cisco edge switches/routers, F5 load balancers, Cisco APs, Cisco VPN access servers, Cisco RAS servers, Cisco ASA/PIX/FWSM firewalls, CONTEL/AT+T Tridom/Hughes satellite hardware, various switches/hubs.
- Systems: Kickstart, Jumpstart, Virtualization (VMware, Xen), YaST, Yum, RPM, SVR4 packaging
- Security: PCI, SOX, MA201, IdM, SSO, IAM, VPN, firewalls (ASA, PIX, FWSM, IOS ACL, iptables), SSL cert/PKI management, virus protection (Norton, McAfee, Kaspersky, ESET, VIPRE), SPAM monitoring (Spamassassin, Proofpoint), IDS/IPS (ISS, FireEye), log management (Logrhythm, logwatch), authenticated web proxy (Squid, Netscape), encryption (TrueCrypt, WinMagic, Credent), spyware/malware disinfection, Symantec Vontu DLP
- Web technologies: HTML, XML, JavaScript, PHP, CGI, HTTPS/SSL
- Network servers: InfoBlox, ISC BIND (DNS), ISC DHCP, Apache, Squid, OpenLDAP, Sendmail, SAMBA, Exchange 2010
- Languages: C/C++, Java, Python, Perl, Unix shell scripting, TCL, PL/1, Basic, assembly
- Programming specialties: systems programming, sockets/TLI, RPC, multi-threading, asynchronous I/O, X.25, RS-232, DOS programming, encryption.
- Protocols : TCP/IP, UDP/IP, HTTP, HTTPS, LDAP, NFS, NIS/YP, SunRPC, XDR, SMTP, SQL*Net, SNMP, PPP, VPN (PPTP/IPSec), DSL, BGP, RIP, EIGRP, IPV6, Frame Relay, MPLS, etherchannel, 802.1Q (VLAN), 802.11(b/g), WPA/WPA2, ActiveSync, IEEE 802.3, FDDI, X.25, X11, RS-232.
- Authentication platforms: LDAP (OID, Active Directory, and Open LDAP), Oracle OIM, NIS/YP, NIS+, Radius, PAM authentication
- Software: Visio, Outlook, Excel, Word, Project, OneNote, Acrobat Pro, Photoshop, Corel Draw, Adobe Illustrator, Adobe GoLive, Remedy, Service-Now, Planview, Ethereal/Wireshark
- Database: Oracle, mySQL, ndb

SELECTED CAREER ACHIEVEMENTS:

Management:

- Member of senior IT management team.
- Work directly with both IT and business senior management on a daily basis.
- Drive or directly influence direction of numerous systems and other IT projects.
- Managed the daily requirements 12+ employees for over 10 years including, hiring, salaries, time management, reviews, and interpersonal issues resolution.
- Managed networking and telecom for 2 major datacenters, 400+ sites, 10,000+ Unix/Windows systems, 10,000+ end users, and 20,000+ devices.
- Significant project management experience, including driving numerous mission critical projects with enterprise level exposure.
- Drive and/or regularly involved in product selection for IT security, networking, and systems.
- Involved in negotiation of numerous contracts and purchases.

Architecture:

- Architected enterprise-wide network infrastructure both LAN and WAN.
- Disaster Recovery (DR) team architect.
- Evaluated payment switch selection and architected infrastructure implementation.
- Architected cookie cutter store system install infrastructure.
- Co-architected Identity Management (IdM) system, greatly simplifying account creation and maintenance and increasing security.
- Analyzed security infrastructure requirements and issues and presented executive plan to re-architecture our IT security department.
- Researched, analyzed, and selected enterprise mail and file archive product for litigation/discovery support and FRCP compliance.
- Evaluated use of Microsoft Sharepoint as replacement collaboration system.
- Provided technical direction in the selection of VMware over Xen hypervisor.

Networking/Systems:

- Built first ever IP based corporate network from the ground up.
- Oversaw the expansion of networking, telecommunications, and systems infrastructure from a few Sun workstations in a single location, to over 10,000 systems in 450+ locations.
- Built a small team to a large network group able to support enterprise networking requirements.
- Oversaw multiple iterations of WAN and LAN technologies, migrating from earlier X.25 based networking, to satellite, to IP over frame relay, to MPLS.
- Extensive experience installing and configuring Internet connection services including literally installing Burlington's first ever Internet connectivity, registration of class B and class C networks, domain registrations, ASN registrations, redundant BGP setups, and SSL certificate management.
- Oversaw the implementation of multiple large scale corporate headquarter and warehouse LAN/WAN networking projects including required HA, telecomm, and disaster recovery (DR) setups.
- Drove implementation of VOFR and VOIP replacements saving the company millions in voice costs.
- Extensive experience debugging network issues using interface statistics, packet traces, and analysis tools.
- Co-designed and implemented secure wireless (WiFi) infrastructure including 802.1x authentication.
- Supported the networking, system, and security requirements of Oracle databases and software including SQL*Net, Grid Control, RAC, Portal, Discoverer, Collaboration Suite, OID, OIM, and SSO.
- Literally thousands of system and networking installs on both large and small scale systems including disk setup (partitioning, RAID, mirroring, striping, etc.), kernel reconfigurations, user management, desktop setup, and cron maintenance.
- Created first ever store back office cookie-cutter server installs. Co-created current Linux back-office server and register installs utilizing RedHat, Fedora, and SuSE.
- Wrote multiple scripts to manage systems, both corporate and store, in bulk allowing secure data collection and patching of large numbers of systems in short windows.
- Built distributed "cron" solution to allow cron scheduling across all corporate Unix systems.
- Built first DNS, DHCP, NFS, and NIS frameworks.
- Integrated Windows technologies including Active Directory and CIFS shares.
- Co-created site wide sendmail based mail relay and aliasing infrastructure.

Security:

- Executive level “Security Council” lead and head of IT Security department.
- Responsible for driving all high level security projects.
- Primary incident response team member.
- Responsible to continually analyze security concerns and set/revise policy with Executive, senior IT management, and security teams.
- Co-architected identity management (IdM) infrastructure. Implemented site-wide LDAP password management.
- Extensive experience integrating multiple identity stores including complex reconciliation of conflicting or difficult to remediate data.
- Numerous SOX, PCI, and MA compliance and remediation projects.
- Co-maintain Cisco ASA, PIX and FWSM firewalls. Original author of most firewall access lists.
- Extensive DMZ and bastion host setups including secure HTTPS, FTP, SSH, SMTPS, and IMAPS.
- Created wireless security infrastructure including new revamp to use WPA.
- Implemented first corporate C encryption library (still in use).
- Numerous security product selections including: firewalls, Proxy, VPN, IM monitoring, log management, anti-SPAM, IDS/IPS, application firewall, proxy, DLP, disk encryption, email encryption, and WIDS.

Programming:

- Wrote multi-threaded C++ credit card authorization daemon using Sun RPCs and VISA VIP/ISO format messaging to service enterprise-wide authorization requirements (still in use). Services over 3000 registers with an average response time of less than 2 seconds.
- Wrote “Price Look-Up” (PLU) daemons to support real time register price lookup.
- Wrote numerous C socket level and systems programming applications to support systems integration with legacy systems, including the use of X.25 code.
- Wrote numerous programs to parse and create data streams to do ETL transformations, including: credit card reconciliation processes, card issuer communication, and ticket printing.
- Taught internal C, Java, and Perl classes.
- Regularly write Python, Perl, and bourne shell code to support systems requirements, including management of DNS, LDAP, NIS, system-wide cron repositories, system inventories, upgrades, etc.

For additional skills/experience examples, see: <http://mattfahrner.com/skills>

PROFESSIONAL EXPERIENCE:

Burlington Coat Factory:

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|--|----------------------------|
| • Director of Infrastructure & Security | <i>Sep 2009 - Current</i> |
| • Chief Systems Architect | <i>Jan 2006 – Sep 2009</i> |
| • Manager of Networking | <i>Jan 2002 - Jan 2006</i> |
| • Network Supervisor | <i>Jan 1998 - Jan 2002</i> |
| • Lead Network Engineer | <i>Jan 1996 - Jan 1998</i> |
| • Senior Network Engineer | <i>Jan 1991 - Jan 1996</i> |
| • Systems Programmer/Network Engineer | <i>Jan 1988 - Jan 1991</i> |
| • Junior Programmer | <i>Feb 1987 - Jan 1988</i> |

Consulting:

- **Network Consultant, Bob Moses, CPA** *Jan 2004 – Jan 2011*
Providing network, systems, and security consulting and support on an ongoing basis, including maintenance of Internet connectivity and Linux and Windows systems.
- **Software Developer, System Excelerator, Inc** *Aug 2000 – Jan 2002*
Provided C programming consulting for DoD helicopter component status monitoring executing on an embedded RPX using MPC823 based ARM processor running Linux.
- **Turnpike Technologies, ISP** *Jun 1994 – Jul 1998*
Helped set up initial ISP and Internet connectivity and firewalls. Provided high level support.

Certifications: Novell Certified Linux Professional (CLP), Novell Certified Linux Administrator (CLA), Novell Linux Technical Specialist, Novell Data Center Advanced Technical Specialist.