

Jonathan Sharp

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Objective

I am an experienced information technology professional with a diverse background, providing a unique advantage in many IT consulting roles. I seek out challenging projects that leverage my existing experience while providing new opportunities to grow. I particularly seek out opportunities to integrate open source software into real-world solutions.

Education

University of Phoenix ❖ M.S. in Computer Information Systems	2004 – 2005	3.7 Cum. GPA
Southern Adventist University ❖ B.S. in Computer Systems Administration ❖ Minor in Computer Science ❖ Dean's list ❖ Awarded the Outstanding Senior Award by the School of Computing	2000 – 2002	3.4 Cum. GPA
Dalton State College ❖ Dean's list	1998 – 2000	3.6 Cum. GPA
Georgia-Cumberland Academy ❖ National Honor Society member	1994 – 1998	3.9 Cum. GPA

Professional Experience

Network Engineer,
Xebec IT

February 2005 – January 2006

- ❖ Linux/open source consulting,
- ❖ Mac OS X Server and Macintosh integration consulting,
- ❖ Network routing, firewall, security consulting
- ❖ Planned and executed complex network infrastructure/data migration
- ❖ Web development

Information Systems Manager,
NDS Media Solutions

June 2003 – February 2005

Fulfilled all IT-related responsibilities, including:

- ❖ System administration (implementation and maintenance) of Linux and FreeBSD servers
- ❖ Developing, implementing and monitoring information systems policies and controls
- ❖ Network engineering tasks related to routing, bandwidth / traffic monitoring, log analysis, intrusion detection, etc.
- ❖ Determining cost-effective, proactive strategies for Information Technology by evaluating and recommending software and hardware purchases and/or implementation
- ❖ Telecommunications, specifically the administration of the company's Nortel Meridian 1 PBX system
- ❖ Software development for in-house applications
- ❖ Implementing e-commerce websites, establishing merchant card processing, providing web hosting services
- ❖ Maintaining and developing the company website
- ❖ Implementing and maintaining data backup strategies and disaster recovery plans
- ❖ Providing support to end users regarding commercial software, in-house software, hardware, printing, and telecommunications equipment

Achievements include:

- ❖ Developed a fulfillment/distribution application using popular LAMP platform (Linux, Apache, MySQL and PHP)

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- ❖ Achieved 650+ day uptime with FreeBSD 4.8 server (brought down by excessive power failure)
- ❖ Developed new, automated methods for work flow, resulting in increased efficiency
- ❖ Cut telecommunications costs in half by switching to new provider for both voice and data services

Information Systems, Southern Adventist University

Sep 2000 – May 2003

- ❖ Began in workstation support, promoted quickly to networking and then employed as embedded systems developer
- ❖ Developed a digital time clock / debit system for the university campus
- ❖ Installed and maintained many critical servers in a highly heterogeneous environment (Windows 2000, Linux, Solaris)
- ❖ Installed and maintained critical networking components including switches, routers, and various datacenter equipment in our NOC
- ❖ Authored various network management scripts using Perl, PHP, MySQL
- ❖ Contributed to the design and implementation of network security strategies

Precision Computer Service

Apr 1999 – Aug 2000

- ❖ Performed Novell Netware administrative and engineering tasks
- ❖ Responsible for Linux / Unix / Windows NT system administration
- ❖ Performed network troubleshooting
- ❖ Provided onsite support (Clients included small businesses, schools, and government offices)

Skills Matrix (items listed in descending order of experience):

Operating Systems:	Windows (95/98/NT/2000/XP), Linux, FreeBSD, Mac OS (System 7 – OS X 10.4), OpenBSD, NetBSD, Novell Netware (4.11 – 5.1), Solaris (2.6 – 9), QNX, OS/2 (Warp 4), SCO Unix, many other experimental OSes
Programming Languages:	PHP, Java, Z80 ASM, C/C++, 8051 ASM, Perl, Python, Objective C, C#/J# .NET/Mono
Databases:	MySQL, PostgreSQL, MS Access, MS SQL 7/2000, Oracle, FileMaker Pro
Networking:	Firewalling / VPN technologies (SonicWall, Symantec, IPsec (KAME, FreeS/WAN), BSD's ipfw / ipfilter, Linux's IPTables, Checkpoint), Cisco IOS (light routers and Catalyst switches), DNS administration (Bind), mail server administration (Postfix, Sendmail, MS Exchange), IPv6 routing, WiFi (802.11b, g) deployment, OpenLDAP, Open Directory, NetInfo, RADIUS
Hardware Platforms:	PC (x86), Apple (m68k, PPC), Sun and other miscellaneous hardware platforms
Telecommunications:	Nortel Meridian 1 PBX administration, Asterisk, Hylafax fax server software, VoIP, SIP, AIX
Misc. Software:	Vi/Vim, MS Office (97/2000/XP), MS Visio, MS Visual Studio .NET, Crystal Reports (8.5), MAS 200 for SQL, Act! 6, Tapeware 7.0, Veritas Backup Exec, Nagios
Web Technologies:	HTML, PHP / MySQL / Apache related development, XHTML, CSS, JavaScript, XML, XSL/XSLT, Java Servlets
Embedded Systems:	Embedded systems design Electronic component soldering / assembly including surface mount (SMD) technology, Intimate experience with Dallas Semiconductor's TINI reference platform (hw & sw development),
Other Skills:	Amateur video game console development, Good writing and communication skills, Knowledge in biblical Greek

References available upon request