

Chris Travers

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Summary

A solid researcher with good hands-on experience in system integration, software design and development, systems engineering and administration, and networking. A quick study who can pick up new technologies with ease and communicate advanced concepts clearly to non-technical individuals.

Consulting Projects

Replic-Art: Locale-specific Enhancements for SQL-Ledger. Ongoing

- SQL-Ledger is a Perl/CGI accounting program released under an open source license.
- Developed several usability enhancements for tracking project expenses and revenue.
- Migrated SQL-Ledger to a new hosting provider.
- Provided customizations necessary for complying with Greek tax reporting requirements for services businesses.
- Ongoing work includes customizations necessary for complying with Greek tax reporting requirements for retail and wholesale businesses.

Orondo Cider Works: Point of Sale enhancements for SQL-Ledger. Ongoing.

- Added support to SQL-Ledger for point of sale hardware such as receipt printers, pole displays, cash drawers, etc.
- Designed, built, installed, and configured Linux on the registers and server, including a remote X session on one system.
- Provide ongoing administration and support for the system.
- Developed custom reports, and integrated these with Microsoft Excel.
- Trained the owners of the store in the use of the software.
- Ongoing work includes integrating with portable data terminals,
- Ongoing work includes integrating with credit card payment gateways.

Riverwalk Books: Internet cafe and wireless access setup and security. March 2005.

- Migrated a single-use computer from Windows to Linux.

- Built firewall for the network which prevents public computers from accessing business systems.
- Setup two Windows XP systems as internet terminals (fee based on time).
- Set up Wireless access point.

Ujima House: Virtual Private Network Setup. October 2004.

- Installed and configured a virtual private network spanning four offices running a Windows Server 2003-based domain and Windows XP workstations.
- Used Fedora Linux Core 3 and OpenS/Wan to create IP-Sec tunnels spanning the locations.
- Provided extensive technical support for the VPN, the Server 2003 Domain Controller, and other software.

Slaughaupt Insurance Agency Administration and Maintenance. Ongoing.

- Migrated file and print server from Windows 98 to Fedora Core 3 Linux.
- Successfully resolved a number of very elusive reliability issues.
- Managed antivirus and anti-spyware installations.
- Technologies used included CUPS and CUPS-LPD, Samba, and others.

RR Associates Asterisk Telephone Switch Support. May 2005.

- Provided technical support for Linux networking on CentOS Linux 3.0.
- Resolved two issues regarding Asterisk and telephone call routing.

Degrees and Certifications

<i>The Evergreen State College</i>	Bachelor of Arts (General Education). June 1997
<i>Microsoft Certifications</i>	MCSE (NT4), MCSA (Windows 2000)
<i>Linux Professional Institute</i>	LPIC-2
<i>CompTIA</i>	A+, Inet+, Server+, Network+

Employment

Microsoft Corp. Technical Support Router. 08/2000-09/2003

- Resolved 10% of cases within 1/2 hr.
- Call center environment with customers ranging from students to developers and sysadmins from Fortune 500 companies.
- Supported technologies ranged from Services for UNIX to Visual Basic and from SQL Server and IIS to kernel-level API's for driver development.

- Was very much involved in competitive and product strategy discussions particularly regarding competition in the operating system market.
- On my suggestion, Services for UNIX was displayed at Linuxworld and won an open source product excellence award. This resulted in much positive exposure in traditionally hostile markets.
- Beta-tested Services for UNIX 3.0 and Server 2003.
- Discovered and reported a security vulnerability in Internet Explorer 5.0
- Provided technical assistance for strategists in determining how Samba, Services for UNIX, and Cygwin might be used live environments, and helped define weaknesses in each package.

Basement Media (by contract) Network Engineer 02/2001-06/2001

- Implemented a network including systems running Windows 98, NT4, and Linux.
- Implemented production databases in PostgreSQL and MySQL.
- Maintained production and testing web servers using Apache and IIS 4
- Web developers saw a 200%+ increase in productivity due to these tools.

Open Source Projects

FWReport

Firewall Reporting for IPTables 02/2003-Present

- Small tool to help system and network administrators look for suspicious network activity.
- Target audience includes sysadmins, network administrators, and security professionals.
- Perl, fairly simple (400+ lines)
- Over 3400 downloads
- Mature– no new features planned.
- Available at <http://sourceforge.net/projects/fwreport>

HERMES

HERMES CRM Platform 03/2001-Present

- Complex framework for CRM development (application included)
- PHP-based, object oriented, moderately complex (20000+ lines)
- Target audience includes business tools developers and IT personnel.
- Simple Perl installer (500+ lines)
- Includes database abstraction and library model
- Includes authentication abstraction model.
- Experimental support for shared database accounts.

- Supports MySQL (Up to HERMES 0.3.0) and PostgreSQL (all versions).
- Available from <http://hermesweb.sourceforge.net>
- Over 3200 downloads

Software Skills

<i>OS</i>	Linux, Windows NT4 through 2003, Solaris, BSD
<i>Databases</i>	MySQL, PostgreSQL, Interbase/Firebird
<i>Languages</i>	C, Perl, PHP, SQL (ANSI and PostgreSQL based), Python, BASH, CSH, \LaTeX
<i>Integration</i>	Cygwin, Samba, Microsoft Services for UNIX
<i>Networking</i>	ISC DHCPD, BIND, TinyDNS, OpenSSH, MIT Kerberos, OpenLDAP, Jabber, Qmail, Postfix, Apache, IIS, OpenS/WAN
<i>Others</i>	SQL-Ledger, OSCommerce, Bricolage, Mambo, etc.

June 15, 2005