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TECHNICAL BACKGROUND

Platforms:	GNU/Linux, Mac OS X, IOS, Emacs, Windows 9x/2k/XP
Languages:	C, Perl, PHP, Python
Software:	Apache, Ethereal, LaTeX, MediaWiki, Microsoft Office, Samba, Squid Web Cache, Symantec Ghost

EXPERIENCE

PBwiki, Inc.
San Mateo, California
Systems Engineer
Nov 2007 - Jan 2008

Implemented OpenID login for PBwiki using JanRain's PHP OpenID library.
Migrated PBwiki code and servers from PHP4 to PHP5.
Installed and maintained a reliable office link in the face of unreliable network connectivity by configuring a software router to use one of seven network links.
Installed, maintained, and removed servers from the colocation facility.
Performed a live cutover of the core network switch with no downtime.
Remotely resolved a DDOS issue on Christmas Eve. Resolved site slowdown issue on New Years Eve.

SuperHappyDevHouse
Bay Area, California
Organizer
Nov 2005 - Present

Help organize a monthly hackathon event that combines serious and not-so-serious productivity with a fun and exciting party atmosphere. "Tasks" include welcoming newcomers to the event, overseeing the "Lightning Talks", and interfacing with companies who occasionally host SuperHappyDevHouse, including Sun and Google.

Wrote dynamic nametag layout software and helped architect the automated nametag printing system that is used at the event.

Cuesta College
San Luis Obispo, California
Network Technician
Nov 2003 - Nov 2007

Provided "Tier 3" support for a Community College. Duties included server and network troubleshooting, as well as installation, maintenance and removal of network equipment. Also responsible for setup and maintenance of virtual and physical machines as well as server operating systems and software. Automated many maintenance tasks using Bash scripting and Perl.

Proposed, installed, and promoted the use of MediaWiki - which eventually became the primary source of documentation for the department.

Created and maintained Mac OS X NetBoot images, managed Mac OS X NetBoot servers, provided technical support for 3 computer labs with a total of roughly 80 machines. Made use of best practices to turn a full time workload into a part time workload.

Terracom S.A.R.L.
Kigali, Rwanda
Consultant
Jun 2004 - Sep 2004

Worked between 10 and 12 hours a day for a wireless ISP in Rwanda.

Gave hands-on training to staff, topics included: RSA Encryption, packet sniffing, HTTP proxies, and use of Symantec Ghost.

Set up and configured a Squid Web Proxy Cache server which provided massive improvements in response time and increased the apparent capacity of a saturated 3 Megabit satellite link by approximately 30%.

Worked under the direction of the Vice Rector at the Kigali Institute of Science and Technology to train staff in the use of Symantec Ghost, punch-down methodology, and virus protection. Identified and recommended four students to be hired as IT staff by the school.

Digital Putty
San Luis Obispo, California
Customer Service
Jan 2004 - May 2004

Provided technical support for a wireless ISP with a customer base in the thousands. Provided training and assistance to a wide range of computer users. Other tasks included on-site assessments for potential wireless customers, network troubleshooting, and maintenance.

Applied Materials
Santa Clara, California
Contract Software Development
Jan 2003 - Jan 2004

Used PHP and MySQL to develop an extensible web application for the purpose of scheduling time on wafer fabrication tools.

Synovation, Inc.
Modesto, California
Software Administrator
Jan 2002 - Nov 2002

Responsible for modification, maintenance, and support of various in-house software systems including a custom Bugzilla installation used for company-wide bug tracking. Administration of Sun Netra X1 and E420R systems running Solaris 8. Shared administration on various Gnu/Linux 2.4 systems including the corporate webserver.