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Skills & Keywords

- * Operating Systems: *UNIX*: HP-UX (10,11), NetBSD, FreeBSD, OpenBSD, SunOS, Solaris, Linux (Redhat, Slackware, etc)
- * Languages: Shell scripting, C, limited SQL, limited Perl
- * Software: BEA Weblogic, Jakarta Tomcat, Java, Apache (mod_perl, openssl, mod_rewrite, mod_wl, etc), X-Windows, samba, ssh, sendmail, qmail, postfix, spamassassin, mutt, mailman, zsh,ksh/sh/csh, sed/awk, HTML, HTTP, lvm, oracle, FW-1, bind/named (8&9), analog, webalizer, mysql, /etc
- * Hardware: 1962 Lincoln, Oxy-Acetylene and arc welding, all PC, HP (C,J,K,N Classes), Sun, Network Appliance, Auspex, EMC
- * Odd Certifications:
 - HP: HP-UX Systems Administration
 - Foundry Networks: FCNE
 - Auspex File Servers: NetServer & NS7000/NS800
 - Shells: Random Mention in the Turtle

Work Experience:

OOF Industries, LLC
Unix Consulting

2005

- * Formed a consulting company to provide world class solutions for business, small and large alike, from the server-closet to the enterprise.
- * Unix architecture work for clients, spec'ing & purchasing Open Source based datacenter builds.
- * Unix system administration: OS builds, Tomcat, MySQL, Apache, security hardening, built redundant monitoring network.

Democratic Party / Voter Protection Project
Machine Certification

Fall 2004

- * Verified & Certified electro/mechanical voting machines in a dozen counties throughout the state of New Mexico in preparation for Presidential Election.
- * Self-taught expert on AVC Advantage and ELECTronic 1242 voting machines
- * Corporate IT: Desktop support, Exchange Server, Access Server, Network
- * All around handyman during 16-18 hour days.

Sony Music, Inc
Web Operations Manager

July 2002-Sept 2004

- * Led team providing internal & external facing systems exceeding 1,000s of websites and 10s of TB of data
- * Systems architecture & layout of \$20m data center (Sun, EMC, Cisco)
- * Managed outsourcing of all external systems to Managed Services Provider, controlled costs and interfaced with development teams
- * Project Planning & Management for major migrations (both cross-data center, and cross-platform)
- * Weblogic installations, upgrades, sizings, major performance tuning (BEA Weblogic & Sun JVM)
- * Relaunch & Re-architecture of entire Sony Music Online & Sony Music B2B applications from Kiva (Netscape) to Clustered Weblogic configurations
- * Administered disparate development environments for 8 concurrent projects

Senior Unix Sysadmin

Oct 2000-June 2002

- * Designed system and network topologies for redundant, HA Tier 1 digital music locker service
- * Decided, designed, and deployed Weblogic 5.1 and Clustered 6.0 application server installations.
- * Installed/tuned Apache for a litany of uses.
- * Worked with Internet Storage Vendor Scale 8 for massive distributed storage needs.
- * Installed, backed-up, and maintained Perforce Source control system
- * Worked with Checkpoint FW1 firewall software to secure local network
- * Tweaked Analog & Webalizer for both solid and pretty stats to make Engineering as well as Marketing happy
- * Setup Windows IIS server to provide DRM services for secure musical distribution
- * Engineered and performed massive audio encoding (WAV/MP3 to WMA) and packaging job entailing over 6,000 albums of content
- * Designed system for integrating 250,000 albums of content into database, and local storage systems
- * Setup Foundry Networks switches, load balancers, NetApp Filers, etc.
- * Managed complete shutdown of company data centers and integrated assets into Corporate Parent

Intel Corporation - Engineering Computing
Systems Engineer

Sept. 1997 - Sept. 2000

- * UNIX System Administrator: managing heterogeneous enterprise production design environment of 2000+ workstations and file servers, with 4000+ users, including 24x7 support.
- * Focused on HP support, including Ignite-UX, Series 700 & 800 class machines, troubleshooting, kernel tweaking, scripting, LVM, etc
- * Performed many Y2K, network, and OS upgrades for all 2000+ machines.
- * Worked with large scale NFS servers (Auspex, EMC, HP), AFS (clients & servers), created logical network layout, minimal Cisco switches.
- * Served as solitary site support for Unix Calendaring solutions.
- * Lead two technical teams with worldwide membership; produced standard OS builds for company-wide deployment (5000+ HPs).
- * Demonstrated extra effort & ability by receiving 13 individual awards, 2 divisional awards and 2 promotions in 2 years.
- * Extensive technical management of new acquisitions and integration process.

Macquarium
Systems Programmer

Summer 1996

- * Assisted maintaining network of SGI, Macintosh, NT machines, T1 connection, hosting major companies such as Cox Communications.
- * Authored, designed & programmed web pages using Perl, Javascript, HTML. Clients included BellSouth & MGM.

The Premisys Corporation
Programming Intern

Summer, Winter 1995

- * With a team, developed Submittal Generator system for Trane Corp using C/C++ and MS Windows 3.1 API.
- * Wrote forms based data entry application for Submittal Generator.

LaSalle National Bank
Network Analyst

Summer, Winter 1994

- * Managed 400 user token-ring Novell network running Windows 3.1.
- * Provided Tech support for workstation and network applications.

Education

Emory University 1993-1997

- * BS in Computer Science (Dean's list)

University of Chicago High School 1989-1993

Other Work Experience & Projects

Bandwagon

Feb 2002 - Current

- * CFO - Managed all finances for 20 person organization with multiple vendors.
- * Active, contributing (time & computing work) member of bandwidth/hosting co-operative effort.

SportService, Inc

Summers 1991-1994

- * Point-to-Point Sales: Vendor Chicago White Sox / Cubs

References available from any employer upon request