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CAREER OBJECTIVE:

To use my skills, experience and adaptability to obtain a systems administration, engineering or programming position where I am constantly challenged. My greatest strength is my ability to walk into a new environment and be functional immediately. I am quick to learn and adapt to new situations, configurations and technologies.

EMPLOYMENT HISTORY:

Mixman Technologies, Inc., San Francisco CA / Tampa, FL

System Administrator & Web Services Developer

2001-Present

I remained with Mixman as they ended their partnership with Beatnik in order to develop and manage their internet services offerings. Although the Mixman main office is located in San Francisco, I manage their Tampa based web hosting operations. Mixman products and services are offered entirely on-line, so our Internet presence is one of the highest priorities in the company.

- ☉ Designed and built the Mixman hosting environment. This includes network design, router and firewall configuration, and reconfiguration of servers brought from Beatnik.
- ☉ PHP, perl and MySQL development for new internet services offered on the Mixman site.
- ☉ Designed and built customer contact system that allows registered users to customize the type of email messages they wish to receive and allows Mixman to automate targeted mailings.
- ☉ Designed and built download management system that uses email and MD5 token URLs to track user downloads and authenticate email addresses provided as part of the download registration process. This tool is integrated into the customer contact system.
- ☉ Developed plan for transitioning services from proprietary hardware and operating systems to more readily accessible Open Source alternatives.

Beatnik, Inc., San Mateo, CA

System Administrator

2000-2001

I was first hired to manage their fast growing web services. As focus shifted away from web services I was retained as a system administrator and programmer. When Beatnik left the web services arena I decided to join the Mixman spin-off where my talents could be better utilized.

- ☉ Maintained and expanded the Beatnik and Mixman web server infrastructure consisting of BEA Weblogic, Apache, mod_perl, PHP, MySQL and Oracle in a Solaris environment.
- ☉ Built and supported internal network services developed using FreeBSD and Open Source tools.
- ☉ Interim installer and administrator for Oracle & MySQL databases.
- ☉ Developed perl wrappers for Performer to simplify content management and promotion to production servers.
- ☉ Security audits of the Cisco firewalls, routers and local directors.
- ☉ Jack of all Trades administrator responsible for maintaining DNS, SSL Certificates, domain registrations, production CGIs and other orphan tasks.
- ☉ Integrated Akamai content delivery into key dynamic content generation systems.
- ☉ My final project was to redesign and relocate the hosting systems in order to reduce expenses.
- ☉ I performed 90% of my work remotely, with complete satisfaction from my managers and co-workers.

Liberate Technologies, Inc., Redwood Shores, CA

QA Lab System Administrator

1997-1999

Originally the lead for the CLIQ team contracted to perform a security audit, I later accepted a position developing tools to assist with product testing.

- ☉ Performed security and scalability tests on NC Server Products.
- ☉ Wrote and maintained client emulators used to generate server load.
- ☉ Administered QA test lab: WindowsNT, Solaris, FreeBSD, NetBSD, Portmaster, Oracle, NES
- ☉ Built network testing environments to pre-certify potential client configurations.
- ☉ Perl programming support for several server components.
- ☉ Jack-of-all-trades support for customers and internal workgroups.

CLIQ Services Cooperative, Oakland, CA

Transcendental Coder

1996-1999

- ☉ Network design and implementation.
- ☉ System administration for Unix & Windows based networks.
- ☉ Web site design and administration.
- ☉ Dynamic content generation using CGI, PHP, JavaScript and Apache mod_perl.

American President Lines, Inc., Oakland, CA

Advisory Systems Analyst

1994-1995

Began under contract to assist in global cc:Mail implementation. Tasks included designing and implementing:

- ☉ Global routing strategy for Intra & Inter network messaging.
- ☉ Semi-automated maintenance system
- ☉ Disaster recovery procedures

Hired into Workstation Engineering as its first team member and technical lead.

- ☉ Performed third level hardware and software support for internal APL technical groups. Continued to assist cc:Mail team as a JIT resource; included functioning as postmaster for internal and external email.
- ☉ Evaluated new hardware and software technology in order to continually find better solutions for APL business tasks while maintaining the 'Desktop Computer Model' with price, performance and integration as key factors.
- ☉ Set desktop, laptop, operating system and peripheral standards for workstation computers.
- ☉ Developed software imaging system (pre Norton Ghost) for quickly installing Windows and all APL standard software. This reduced the setup time of a new system down to fifteen minutes.
- ☉ Wrote installation and support documentation for internal support teams.
- ☉ Developed internal electronic documentation system for end users and help desk.

Master Computer Systems, Inc., Highland, IN

Systems Engineer

1988-1993

- ☉ Responsible for designing, building, installing, and repairing computer systems and networks.
- ☉ Wrote custom application and utility software for clients and internal use.
- ☉ Performed system administration tasks for clients and in-house Novell 3.11 networks.
- ☉ Assisted sales staff with proposals in order to meet consumer needs while ensuring compatibility.
- ☉ Sold, designed and installed the first Novel and Unix systems deployed by MCS.
- ☉ Trained clients in the use of application software and network services.

SYSTEM ADMINISTRATION:

Unix Environment & Tools:

Solaris: 2.5 through 9
FreeBSD 2.0.5 through 4.x-stable (Intel)
OpenBSD 2.8 (Intel)
Linux: Redhat and Slackware
DHCP: ISC versions 1 & 2
Samba
Sendmail: versions 8.8 & 8.9
Perforce (Source Control)
LDAP
RADIUS

Non-Unix environments

Windows 9x//ME/NT/2000/XP
MacOS: systems 4 through 9.1 & OSX
Novell Netware: versions 2.1 through 3.12

Network Topologies:

10Base-2 (Thinnet)
10Base-T
100Base-T
Token Ring (Twisted Pair)
802.11b

Network hardware:

Cisco PIX Firewall
Cisco Local Director
Cisco Catalyst Ethernet Switches
Cisco 2600 Series Routers
Portmaster Remote Access Server

Webservers:

BEA Weblogic
NES/iPlanet
Apache
Microsoft IIS

Databases:

Oracle 8i: NT, Solaris
MySQL: FreeBSD, Solaris

HARDWARE:

(Upgrades, repairs and maintenance.)

Sun hardware:

Sparc 5/10 ☉ Sparc Ultra 2 ☉ Sparc Ultra 5/10
Sun E250 ☉ Sun E450 ☉ Sun StorEdge

IBM ☉ Compaq ☉ Digital
Gateway ☉ Dell ☉ Packard Bell

Any clone system

Apple and Macintosh systems:

G3 ☉ G4 ☉ iMac
Quadra ☉ PowerMac ☉ PowerBook

PROGRAMMING:

perl, perl & more perl
PHP versions 3 & 4
SQL
Javascript 1.2: Netscape & IE variants
JAVA & c++: Currently learning
c: VMS, DOS & unix
Dbase: compiled with Clipper in a DOS environment

SOFTWARE:

Business Applications:

Microsoft Office (PC & Mac)
WordPerfect (DOS & Windows)
Lotus 1-2-3 (DOS & Windows)

Publishing & Graphics Software

Adobe Acrobat: versions 2.1 through 5
PageMaker (PC & Mac)
Quark Express (PC & Mac)
FreeHand (PC & Mac)
Fractal Design's Painter (PC)
PhotoShop (PC & Mac)
Kai's Power Tools (PC & Mac)

HTML publishing:

DreamWeaver
HoTMetaL Pro
Adobe GoLive
Vanilla text editors

ISP SERVICES:

I currently manage a small ISP from my home office.
That endeavor includes, but is not limited to:

Network:

- ☉ Dual Bonded T1 Circuits
- ☉ Cisco 2621 Router
- ☉ Cisco PIX Firewall
- ☉ Cisco 2924XL Ethernet Switch

Internet Hosting:

- ☉ Solaris 2.6 & 9
- ☉ BEA Weblogic 6.1
- ☉ FreeBSD 4.8
- ☉ Apache/1.3.27
- ☉ PHP/4.3.1
- ☉ mod_perl/1.2.7
- ☉ mod_ssl/2.8.11
- ☉ MySQL with InnoDB Table support
- ☉ DNS – BIND 8.3.3
- ☉ Sendmail based Virtual Domain Email
- ☉ Qmail based Virtual Domain Email
- ☉ Majordomo
- ☉ EZMLM

References available upon interview.