

SUMMARY

Highly skilled IT professional with 14 years of proven expertise and up-to-date knowledge in a variety of IT systems; in-depth understanding of various UNIX and UNIX-like operating systems; extensive hands-on experience with designing and building scalable internetworks; detailed knowledge of TCP/IP networking concepts; strong background in Internet security and data center design; solid understanding in setting up various business processes and SOPs; excellent interpersonal skills, strong mentoring and project management abilities. Expert knowledge in LAMP; MySQL troubleshooting and tuning; high volume, scalable email systems and email deliverability.

RELATED EXPERIENCE

02/2008 – present **IT manager** at Counsyl Inc Redwood City, CA
Was invited to build IT infrastructure from the ground up in this aggressive startup, which revolutionized the genetic testing niche with breakthrough technology.

- Coordinated all IT activities including but not limited to hardware acquisitions/tracking, data center design, resource planning, IT vendor relations, etc.
- Designed and built secure and robust platform to store Protected Health Information (PHI)

2007-present **Contractor/Consultant**

Various level of involvement in:

Speeddate.com | Bonobos.com | Lolapps.com | Experienceproject.com | Groupcard.com | Mychelle.com

08/2006 – present(side project) **IT Architect** at Chess.com Palo Alto, CA
Joined the company as a sole IT Architect. Designed and configured highly available, scalable and secure LAMP system supporting the #1 online Chess site. Customized and fine-tuned the system for near-instant page-loads.

06/2004 – 12/2007 **Systems Architect/Release engineer** at Myers Internet Inc. San Jose, CA
Invited to join the company with the primary task of redesigning production and internal systems that were no longer capable of serving the company after its rapid expansion. Played an important role of a bridge to interface with IT and Engineering departments as a conflict mediator and problem solver.

- Streamlined systems build-outs and unified systems for easier management
- Was involved in complete redesign of corporate and production email systems by improving existing and adding new features (anti-spam system, anti-virus protection, etc)
- Documented and helped IT department document all corporate and production systems
- Initiated many fundamental changes in engineering systems and SOPs including CVS redesign, product release procedures, documentation standards etc.
- Was responsible for coordinating software releases, pushes and all supporting release documentation

06/2003 – 06/2004 **Sr. UNIX administrator** at Vitria Technology Santa Clara, CA
Was brought on board to support a versatile IT and software development environment consisting of most flavors of UNIX in the industry leading Business Process Integration solution provider.

- Supported over 100 HPUX, AIX, Solaris, Linux servers in 20+ offices worldwide.
- Built a distributed compile system (NQS), which allowed making more efficient use of developers' time, software licenses, and servers' CPU time.
- Was responsible for carrying out IT infrastructure implementation and maintenance of the initial setup of a remote office in Beijing, China with little or no support from HQ.
- Was a primary contact for virtually all network operations including managing 20+ VPN tunnels to remote offices, firewalls, border routers etc.

10/2000 – 04/2003 **SysAdmin/Network Admin** at TAOS Mountain Santa Clara, CA

- Chosen for five consecutive projects by a consulting firm that provided high-level technical specialists to companies for short and long-term assignments:

Seagate Technology Assignment –

Assigned to make a detailed Engineering IT Infrastructure Assessment of all Northern California offices. Daily duties included maintenance of Solaris and a variety of SUN hardware.

- Supported virtually every UNIX server in 4 locations serving 14 offices in Northern California.
- Documented every aspect of the IT infrastructure of all Northern California locations, made suggestions for improvement based on performance, security, reliability and stability reasons.

ReShape Inc. Assignment –

Assigned to take care of a large server farm consisting of high-end Sun servers running Solaris 8 and high-end i386 server running Redhat Linux. Responsible for LAN network infrastructure, NDMP backups of NetApp NAS.

Celeritek Assignment –

Assigned to maintain and keep running enterprise level SUN servers. Conducted a complete security and IT audit which showed flaws and problems with existing system and network state. Supported CRM and ERP systems.

- Introduced a new qmail powered e-mail system, new Netscreen firewall, IDS, VPN.

WebPartner Inc. Assignment –

Assigned to replace a full time employee for a period of hiring a new full time systems administrator. As a result of my performance **WebPartner** decided to keep me instead. Maintained over 70 Linux servers in several datacenters in 4 states.

- Changed existing network layout to allow for redundancy and efficiency by implementing OSPF.
- Implemented a KerberosV powered centralized authentication system.

CareThere Inc. Assignment –

Assigned to manage existing infrastructure of FreeBSD and Linux server farm and to manage existing infrastructure.

- Designed and implemented a new network map which increased efficiency and uptime by using EIGRP and a more complex, yet cleaner design.

Continued supporting this client with network and system issues for several months after reassignment to the next client.

8/1999 - 10/2000

Systems/Network Administrator at Donnelly College

Kansas City, KS

9/1996 - 8/1999

Systems/Network Administrator at KRSU

Bishkek, Kyrgyzstan

EDUCATION

5/2007

SJSU

San Jose, CA

MBA (Master of Business Administration)

6/1999

Kyrgyz National University

Bishkek, Kyrgyzstan

BS (Bachelor of Science) in Computer Science

PERSONAL

LANGUAGES

English (fluent), Russian (native), Japanese (JLPT 3-kyu)

REFERENCES

Available upon request

TECHNICAL SKILLS

SOFTWARE

Routing: IOS 12.X (EIGRP, BGP, OSPF, RIP), routed, gated, zebra
VPN IPSEC: ESP, AH, ISAKMP / IKE with pre-shared keys and x.509 certificates
Firewalls: Iptables/ipchains, ipf, ipfw, pf, PIX, Netscreen
Kernel tuning: Solaris, HP-UX, AIX, Linux(Debian, Ubuntu, Fedora, CentOS), FreeBSD
HTTP/HTTPS: Apache, nginx
DNS: Tinydns, ISC BIND, PowerDNS
EMAIL: exim, PowerMTA, qmail, sendmail, postfix, spamassassin
Email deliverability/antispam: SPF, DK, FBL, DNSBL, BATV/PRVS, VERP
IMAP/POP3: UW-IMAP, Courier, squirrelmail
Revision Control: GNU cvs (kerberized), cvsup, subversion(svn), git
IDS: snort, tcpdump, wireshark
Veritas: NetBackup, Volume Manager
Auth: Kerberos V, Kerberos 4, TACACS+, Radius, pam, X500/LDAP, NIS, AD
Database: Mysql, postgresql, Oracle
Monitoring: BigBrother, NetSaint - Nagios
Programming/Scripting: C, C++, perl, shell, sed, awk, SQL, basic python
App. servers/servlet containers/frameworks: Tomcat, Weblogic, jetty, django

HARDWARE

SUN Servers: E4500, E3500, FIRE 280R, 450, 420R, 220R, Blade2000
Storage and RAID: A5200, A5100, D1000, A1000
IBM pSeries RS/6000 servers: B615, B630, B640, enterprise S70
HP HP 9000 UNIX servers, Itanium 2 based servers.
CISCO Switches: Catalyst 6500, 6000, 3500, 2900 series
Routers: 7200 VXR, 3600, 2600, 2500, 1600 series, MSFC, MSRP
Firewalls and VPN: PIX 5xx series, ASA
Content Service Switches: CSS11500 series (arrowpoint)
NetScreen Firewalls and VPN: 204, 100, 50, 10, 5xp, 5gt
F5 Load Balancers: BigIP
Brocade Silkworm FC switches
Network Appliance NetApp F740