

Minneapolis, MN 55406

April King

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Computer skills:

Operating Systems:

Windows 2000/XP & Server NT/2003/2008
Sun Solaris 2.5 - 10.
Linux 2.0.10+ (most major distributions)
FreeBSD & OpenBSD
MacOS X

Development Languages:

CSS / HTML / JavaScript
KSH / Bash
Perl
PHP
Python
SQL

Internet technologies:

Apache HTTP Server
Apache Tomcat / Adobe JRun
CVS
Dreamweaver / Photoshop
DNS
Google AdSense / Webmaster Tools
Linux-based firewalls
NFS
Netegrity Siteminder
OpenSSH
PostgreSQL
ProFTPd
Samba
SMTP (Postfix, qmail)
Sun Java System Directory Server
Sun Java System Web Server
Sun Java System Web Proxy Server

Hardware:

x86 (386 – present)
PowerPC (primarily Apple systems)
Sun SPARC & x86 Systems

Experience:

March 2004 - Present

Wells Fargo, Inc.

Information Security Engineer

- Apache Reverse Proxy + Siteminder single sign-on integration for systems located in India as well as J2EE app servers and non-standard web servers (e.g., Zeus).
- Sun Java Directory Server administration, including ACI and schema creation as well as creating user maintenance tools.
- Development of standardized AJAX-based login and authentication error pages used bank-wide.
- Continuation of all tasks from previous position (see below).

July 2002 - March 2004

Lifecycle Technologies for Wells Fargo, Inc.

Contractor

- Solaris, Linux, and Windows systems administrator for test environment (development, testing, user acceptance).
- Netegrity Siteminder administration (web agent installs, policy creation and migration, monitoring and policy server maintenance) through multiple environments (test and production).
- CVS administrator.
- Python programming, including LDAP queries/reporting (python-ldap, pyXLWriter), Siteminder test/migration automation, and monitoring tools.
- Installation and configuration of an environment-wide (production and test) monitoring system (Nagios).

April 2000 - July 2002

SuperValu, Inc.

Technical Analyst (UNIX Systems Engineer)

- Administration of Apache/iPlanet web servers. Includes integration with PHP, Siteminder, mod_ldap and Jrun.
- Administrator, architect, and primary point of contact for: Apache/iPlanet web servers, iPlanet LDAP servers, Internet FTP servers (ProFTPd), CVS servers, SSH servers, proxy/caching servers, SMTP (Qmail) and encryption (PGP) servers.
- Solaris (SPARC) / Linux (i386 & S/390) systems administrator. Includes operating system installation, configuration, tuning, maintenance, package creation, and hardware and software installation.
- Perl & PHP programming, including development of UNIX Technical Services website, LDAP query engines, and remote paging applications.
- CVS administrator and trainer. Included bi-monthly training on use of client-side usage of CVS on UNIX and Windows platforms (WinCVS), in addition to repository maintenance and conflict resolution.
- UNIX security implementation. Includes SSH rollouts, DMZ deployment plans (for internet-connected UNIX servers), installation procedures, and services configuration.
- Light NT system administration involving workstation setup, networking, as well as IIS Checkpoint Firewall administration.

Education:

September 2001 – May 2005

University of Minnesota, Minneapolis, MN

- BA (with Distinction)
- Psychology (major), Japanese (minor)

September 1997 - May 1999

Anoka-Ramsey Community College, Coon Rapids, MN

June 1999

Blaine High School, Blaine, MN

- High school diploma

Training:

IBM Learning Services

Linux/390 Boot Camp

Sun Educational Services

Solaris System Administration II

Java System Directory Server (LDAP) EE 6:

Maintenance and Operations

Activities:

April, 2000 - Present

Author of numerous of OSS projects, including:

- nagios-statd (network monitoring tool - www.nagios.org); used by companies worldwide (approximately 100,000 users) as a remote UNIX systems and network monitoring tool.
- Kantan LDAP Search Engine (web-based LDAP searching tool).

June 2005 - Present

Volunteer Security Escort, Midwest Health Center for Women

January 2005 – Present

College & University Guest Lecturer on Gender Studies

July 2005 - 2006

Volunteer Research Assistant, University of Minnesota

September 2001 - May 2002

Tandem Conversation Program English Tutor

September, 2000 - February 2002

Retail & Importing Small Business Owner

Languages:

English: Native

Japanese: Intermediate (4 years of college study).

December 1999 - April 2000

Computer Training International, Inc. for SuperValu, Inc. Consultant

- Perl CGI programming. Webpage and search engine design for RUP (Rational Unified Process).
- Designed departmental webpage to facilitate communication across development, business design, change management, testing, and deployment groups.
- CVS administrator and trainer. Included bi-monthly training on use of client-side usage of CVS on UNIX and Windows platforms (WinCVS), in addition to repository maintenance and conflict resolution. Implementation of ViewCVS to allow web-based access to version control system.

January 1999 - April 2000

Independent Contractor

Various businesses, including the State of Minnesota

- Webpage design.
- Perl/PHP programming.
- Linux/BSD server setup and maintenance.