

Jerry G. Kilpatrick II

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Position Applying For:

Senior Software Engineer/Unix System & Network Administrator

Previous Work Experience:

Rentrak Corporation:

Location: Portland, Oregon

Date Employed: 04/01 - Present

Job Duties: UNIX System Administrator / Security Committee Chairman

Skills Used:

Installation and configuration of Linux systems. Creation of network wide backup solution. Programming in C, PHP, and Perl.

Maintenance of Linux, Solaris, and Dynix/PTX.

Software Used:

Apache(+SSL, +PHP, +mod_perl/mason), Databases (MySQL, PostgreSQL, Oracle [8i,9i,10g]), Sendmail, Postfix, NIS, DNS Server, iptables for firewall, NetSaint/Nagios for monitoring, snort for intrusion detection, ethereal for network diagnosis, Cacti/RRDTool/SNMP for statistics monitoring and graphing.

eBizQuality:

Location: Lake Oswego, Oregon

Date Employed: 07/00 - 02/01

Job Duties: System Administrator.

Skills Used:

Installation and configuration of Linux systems. Configuration and setup of LVS (Linux Virtual Server) cluster. Maintenance of Linux, Solaris, MacOS, and Windows 2000/9X. Programming in PHP, Perl, and Bash. Network security, network backups, file serving/sharing, firewall setup, and rpm creation for quick distribution to other machines. Various debugging of C source due to compilation problems.

Software Used:

Apache(+SSL, +PHP, +mod_perl/mason), SQL (MySQL, Oracle), Sendmail, NIS(+Automount), stunnel(+IMAP, +POP3), bind name server (DNS Server), mond (network monitoring software), tripwire (machine security monitor), NFS, Samba.

Linux.Com (Volunteer):

Location: Work done via Internet

Date Employed: 12/99 - 04/01

Job Duties: Volunteer Technical Writer.

Skills Used:

Writing articles for Linux.com and working with an editor at VALinux.

Northwest Info Net:

Location: Yakima, Washington

Date Employed: 11/99 - 07/00

Job Duties: Systems Administrator; Business Consultant.

Skills Used:

Configuration of a wide variety of hardware including but not limited to, Cisco, Livingston Portmasters, 3Com routers and switches. Working with large telcos. Integrating newly acquired ISPs running on Windows NT into existing ISP which ran on Linux. Influenced the purchase of software, hardware, other companies, and the hiring of programmers. Programming in Perl, PHP, Bash and Korn. Setting up local radio stations to broadcast via the Internet. Used a variety of operating systems such as Linux, BSDI UNIX, MacOS, and Windows NT/9X. Conversion of existing antiquated BSDI system to a Linux system.

Software Used:

Apache(+SSL, +PHP), SQL (MySQL, PostgreSQL), Sendmail, bind name server, radiusd, and icecast.

InCommand Interactive:

Location: Yakima, Washington

Date Employed: 10/98 - 11/99

Job Duties: System Administrator; Web Programmer; Wireless Internet Manager.

Skills Used:

Created and maintained a city wide wireless network using Aironet wireless cards and bridges routing via Linux. Wrote e-commerce solutions for nationally recognized web sites. Created Linux machine with 6 NICs for routing, firewall, and a separate backup network. Programming in Perl and PHP. Used a variety of operating systems such as Linux, SCO UNIX, and Windows NT/9X.

Software Used:

Apache(+SSL, +PHP), SQL (MySQL), Sendmail, bind name server.

Northwest Info Net:

Location: Yakima, Washington

Date Employed: 08/96 - 10/98

Job Duties: Tech Support; System Administrator.

Skills Used:

Working with people. Vast troubleshooting on anything from dial-up connection problems to mail problems. I worked with sales and helped them with implementing sales promotions. Troubleshooting analog phone line problems. Configuration of hardware such as Cisco routers, ACC Nile router, Livingston Portmasters, and a wide variety of modems. Worked with operating systems such as BSDI UNIX, MacOS, and Windows 9X/3.1(1).

Software Used:

Apache(+SSL), SQL (PostgreSQL), Sendmail, bind name server, and radiusd.

Certifications:

Master Linux Administrator; Perl Programming; Technical Writing; Internet Industry Knowledge; Information Technology Industry Knowledge; Web Server Administration; Internet Concepts; Network Technical Support; Computer Technical Support (Certifications from Brainbench)

Education:**Primary Education:**

Highland High School, Cowiche, WA.

Achievements:

National Honor Society (Math and Science Skills)

Secondary Education:

Yakima Valley Community College, Yakima, WA.

Achievements:

Deans List and Presidents List (Major: Computer Technology)

Goal:

Still working on getting my degree while trying to make a living.