Robert J. Tanner
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OBJECTIVE   A contract position administrating Linux and/or Unix systems and educating employees on the merits of using open source technologies.

TARGET JOB

Desired Job Type	Contract
Desired Status	Full–Time
Salary	80.00 USD Per Hour
Site Location	No Preference
Description of my perfect job	My ideal job is working hard with a team of people using open source technologies and the Internet.
Date of Availability	Immediately

TARGET COMPANY

Company Size	No Preference
Category	Internet/E–Commerce
Description	The ideal business is a company of the dot–com variety. People at this company love technology. This company thrives on technology. Management at this company will understand the power of the open source model and will consider solutions using open source technologies.

EXPERIENCE

9/1995 – Present   Real Time Enterprises, Inc.   Eden Prairie, MN
   <u>System/Network Administrator</u>
- Senior Engineer who leads a team responsible for 107 Network Nodes running 381 services
- Security consultant responsible for the formation of the security "tiger team" and cleaning up after a successful breach of security
- Responsible for maintaining a multi–homed Cisco 7200 router to 3 Tier 1 Internet providers
- Responsible for maintaining a Cisco 3810 router for DSL connectivity
- Responsible for maintaining 5 Ascend Max 2000/4000 routers for ISDN connectivity
- Responsible for administrating the Eagle Raptor 6.0 firewall
- Technical lead for implementing SMTP AUTH and STARTTTLS in sendmail
- Technical lead for implementing anti–spam measures using ORBS and MAPS in sendmail
- Technical lead for integrating Tomcat application server with the Apache web server
- Technical lead for integrating Enhydra application server with the Apache web server
- Technical lead for DNS upgrade from BIND 4.9.x to BIND 8.2.x
- Technical lead in use–case study for upgrading DNS from BIND 8.2.x to BIND 9.0.x
- Technical lead for integrating DNSSEC into existing topology
- Technical lead for installing and configuring Netsaint, an open source network monitoring tool
- Technical lead for installing MRTG, an open source network traffic analysis tool
- Technical lead for installing and configuring Snort, an open source network intrustion detection system
- Technical lead for installing Analysis Console for Intrusion Databases (ACID) for use with Snort
- Administator for majordomo, ezmlm, mailman mailing lists
- Administrator for the public and private MySQL databases
- Third level support for all network and computer problems

7/2000 – 1/2001   Minnesota Vikings Eden Prairie, MN
   <u>Game Day Support Technician</u>
- Solely responsible for the setup and tear–down of the Minnesota Vikings Game Day Network node
- Responsible for troubleshooting and fixing any hardware or network related problems
- Point of contact for the NFL for installation of patches and software upgrades
- Backup for the statistical entry position
- Backup for the statistical audit position

EXPERIENCE (continued)

9/1995 – 1/2000   National Football New York, NY League
    Distribution Center Administrator
- Solely responsible for the design of the NFL's Game Day Network and Distribution Center
- Connected all 31 stadiums to the Distribution Center in Eden Prairie, Minnesota
- Connected the Distribution Center to the NFL Data Partners including: FOX Sports, SportsTicker, ESPN, Time Warner and Starwave
- Part of a team of two people responsible for the smooth operation and troubleshooting of the Game Day Network
- Solely responsible for the quality of service (QoS) between the stadiums, the Data Partners and the Distribution Center
- Installed and used Netsaint, an open source network monitoring tool, to actively monitor each node of the network and alert the support team of any service failure in the network
- Installed, configured and used Solstice Domain Manager, to collect and graphically display resource utilization of each node of the network
- Installed and used OpenNMS, an open source network management tool, to supplement Solstice Domain Manager. Because of the high cost per seat for Solstice Domain Manager, OpenNMS was used by the support team to keep the cost per seat with the NFL's budget
- Installed and used NavisAccess to maintain and administrate the configurations and flash operating systems of the 40 Ascend Pipeline 75 within the Game Day Network

1/1999 – 2/2000   MAPPCOR   St. Paul, MN
    Network Adminstrator
- Worked with a team to move 40 frame–relay and point–to–point T1 circuits to the new facility.
- Responsible for testing the redundant analog dial–ups for each site to ensure connectivity even when the primary links were down
- Worked with AT&T to schedule the cut–over dates of each T1
- Setup Big Brother, an open source network monitoring tool, to actively monitor each Cisco router and display a status/summary web page of each those routers
- Configured a computer running Linux as a centralized logging host for all Cisco router syslog information

AFFILIATIONS			
2/2001 – Present	OpenNMS	Quality Assurance	
6/1999 – Present	Open Source Developer Network	Member	
1/1999 – Present	Twin Cities Linux	Co–founder and Users Group System Administrator	
9/1995 – Present	Vanilla Netrek Server Group	Developer/Administrator	
6/1992 – Present	Crossfire Development Team	Developer	

SKILLS	Skill Name	Skill Level	Last Used	Experience
	Apache Web Server Administrator	Expert	Currently used	5 years
	DNS and BIND Administator	Expert	Currently used	5 years
	Sendmail Administator	Expert	Currently used	5 years
	Linux Administator	Expert	Currently used	7 years
	Solaris Administator	Expert	Currently used	5 years
	Security Consultant	Expert	Currently used	4 years
	Raptor Firewall Administator	Intermediate	Currently used	3 years
	Cisco Engineer	Intermediate	Currently used	3 years
	Tomcat Appplication Server	Expert	Currently used	2 years
	Enhydra Application	Expert	Currently used	1 year
	Cocoon XML–based Web Publishing	Intermediate	Currently used	1 year

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REFERENCES

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