

# Ryan Finnie

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## Objective

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I seek a challenging position where I may use my technical skills to contribute to the success of an organization, while providing myself with personal and financial satisfaction.

## Technical Skills

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- Perl
- PHP
- Python
- HTML/JavaScript
- Oracle/MySQL/PostgreSQL
- Cisco IOS/CatOS/PixOS
- Linux (RHEL/Debian/Gentoo)
- Free/Net/OpenBSD
- Solaris 8
- Cisco Routers/Catalysts/Pix
- Windows (9x/2000)
- CGI/mod\_perl/PHP
- Perl DBI interfacing
- TCP/UDP client/server networking
- CORBA networking
- HTTP/SMTP/FTP/IMAP/POP3 protocols
- RFC822/MIME messaging
- CVS/RCS version control
- Bugzilla/Request Tracker
- Cisco Switches, Routers
- Cisco VPN Concentrators
- Global Server Load Balancing
- ISL/802.1q VLAN trunking
- POS/OCx/DSx circuits
- Baytech power control
- Apache, AOLServer
- OpenSSL/mod\_ssl
- SSH/OpenSSH
- ISC BIND named
- OpenLDAP
- Sendmail, qmail
- RPM Package Management
- Veritas NetBackup Datacenter
- SNMP
- ipfw, iptables, NAT, PAT
- NetSaint/Nagios/MRTG/Cricket
- UNIX administration tools
- Windows applications
- Static Routing/OSPF/HSRP

## Experience

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### Twelve Horses North America

Reno, NV, United States

*Network/System Administrator*

Jul 2004 - Present

- Maintains network and approx. 150 Linux servers between two datacenters
- Builds and deploys customer dedicated servers
- Researches and recommends network and system upgrades and new networks, as needed
- Installed network monitoring, graphing and network configuration tracking tools
- Migrated datacenter to a new site with little to no downtime
- Built spanning-tree-based system failover service for high-availability database servers

*Network Administrator*

May 2004

- Contract position
- Managed Redundant Networks' datacenter operations until the datacenter property could be sold
- Assisted remaining Redundant Networks customers

## **Redundant Networks**

Reno, NV, United States

*Senior System Administrator / Lead Network Engineer*

Nov 2003 - Feb 2004

- Promotion, reported to Director of Network Operations
- All Senior System Administrator functions and responsibilities; in addition:
- Migrated Foundry customer access routers to Cisco
- Configured IOS changes for customer installs/changes as needed
- Designed inexpensive failover router setups for customers using Linux/VRRP
- Migrated servers from Red Hat Linux 7.x to a custom distribution based on Gentoo Linux
- Assisted with deploying iBGP within the Reno core network
- Remained after operations were discontinued to assist with customer migrations and network teardown

*Network Operations Manager*

Sep 2003 - Oct 2003

- Temporary promotion, reported to COO/President
- Assumed Network Operations management functions until a suitable replacement could be hired
- All Senior System Administrator functions and responsibilities; in addition:
- Delegated tasks and projects to Network Operations personnel
- Oversaw customer installations and network changes
- Represented Network Operations to executive staff, the company and the public
- Handled Network Operations scheduling and staffing
- Interviewed candidates for Director of Network Operations

*Senior System Administrator*

Mar 2002 - Sep 2003

- Reported to Director of Network Operations
- Developed an MIS network for two new datacenters
- Managed 40+ Linux/Solaris servers across two coasts
- Set up network monitoring and ticketing systems
- Managed internal employee network
- Wrote custom network billing and power control systems
- Assisted customers with datacenter move-ins and network designs
- Developed and maintained private and public wireless networks in Reno facility
- Managed backup systems for both datacenters
- Installed satellite offices' networks
- Participated in Reno-area tech community via RLUG and RAWUG
- Maintained open source/community mirrors and development environments

## **Kefta, Inc.**

San Francisco, CA, United States

*Application Developer*

Jul 2000 - Mar 2002

- Developed referral marketing applications with PHP, Python and Perl
- Worked to develop marketing tie-in solutions for enterprise-class customers
- Designed CORBA network interfaces
- Implemented Oracle schemas for both user interaction and backend processing jobs
- Created a Python-based web server for rapid execution of user interaction requests
- Tested peer code in a strict quality control environment
- Maintained and developed kmMail, an open-source version of Kefta's webmail system

**NetNet, Inc.**

*Customer Support Representative*

Green Bay, WI, United States

Aug 1998 - Jul 2000

- Assisted customers with technical issues for PPP/ISDN service
- Worked with Windows, Linux and Macintosh operating systems
- Managed billing inquiries and modifications for new and existing customers
- Maintained a high level of customer satisfaction
- Wrote and maintained tools for the customer support team

## **Education**

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**Green Bay East High School**

1997 - 1999

Green Bay, WI, United States

- Marketing, accounting and computer programming courses

**Notre Dame De La Baie Academy**

1995 - 1997

Green Bay, WI, United States

- Computer programming and application design courses
- Helped build school's first computer network
- Investigated school-wide internet access options

## **References**

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Gladly available upon request