

**Michael Ladd**  
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## KEY QUALIFICATIONS

- System administrator with over seven years of supporting Red Hat Linux
- Extensive experience installing/administrating WinNT, Linux, OpenBSD, and Solaris servers/workstations
- Troubleshooting and administration skills on networks, routers, switches, and PC hardware

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## EXPERIENCE

### **Senior Network Administrator Leapfrog Online Evanston, IL 2007 – present**

- Monitor and maintain reliability of all servers (FreeBSD, Linux, Windows)
- Install/Maintain VMware ESX servers
- Develop security policies
- Remote monitoring and alerting via Nagios and Monit
- Install and support Altassian Jira
- System support for Informatica PowerCenter, WebFOCUS
- Maintain Exchange mail server and Postfix MTAs
- Establish backup/recovery policies (Amanda, BackupExec)
- Maintain DNS (Windows/BIND)

### **Linux System Administrator Northwestern University Evanston, IL 2006 – 2007**

- Implemented move of network services from Solaris-based system to Red Hat Linux
- Implemented high-availability solution for multiple web and database servers
- Responsible for security and maintenance of over 50 Unix servers
- Support and maintain DNS & DHCP for McCormick School of Engineering
- Provide support for six Rocks Linux-based computational clusters (150+ nodes)
- Designed automated installation for rolling out Red Hat servers/workstations via kickstart
- Provide support for multiple clients (servers and workstations) using RHN proxy server
- Assist in support of data-center; maintaining proper power and temperature requirements
- Provide support for the LAMP stack
- Provide support for over 100 hosted websites, and setup new hosted accounts
- Provide support for EMC<sup>2</sup> SAN array

### **System Administrator Quickset, International Northbrook, IL 2004 – 2006**

- Designed and implemented move from Samba based domain to Windows 2003 Active Directory
- Responsible for the hiring and management of MIS staff, budget planning, and project scheduling
- Responsible for all network services (web, email, ftp, dns) and the security of the entire network
- Responsible for the implementation and maintenance of 90+ PCs and Servers
- Wrote custom backup scripts to replace a failed backup system (over 200 GB nightly backup)
- Remote and local user training (80+ employees) and support
- Assisted in the replacement of pre-existing firewall and VPN with open-source solution

### **Independent Consultant Lextech Global Services Woodridge, IL 2004– 2005**

- Consultant for open-source IT services
- Implemented Web-DAV based file-sharing solution for small business
- Assisted in the design, testing, and implementation of OpenBSD-based fail-over solution for streaming-video cluster

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**System Administrator Unterberg & Associates, P.C., Merrillville, IN 2002–2004**

- Implemented Squid proxy/cache server to reduce bandwidth usage (35–45%) and filter web content
- Assisted in rollout plan of 80+ Windows XP workstations utilizing Symantec Ghost
- Assisted in maintenance of CheckPoint firewall and auditing logs
- Installation and maintenance of Apache web servers, Oracle 8i database servers
- Installation of Nagios network monitoring system for early warning detection of network outages for local network as well as remote sites

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**Technical Skills**

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**Operating Systems** – Red Hat, Solaris, Fedora, OpenBSD, Mac Os X, Windows

**Software** – Apache, MySQL, Bind, ISC DHCP, Ethereal, Snort, Squid, Nessus, Samba, Rsync, Amanda, NetWorker

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**EDUCATION**

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Northwestern University - Masters of Information Technology – 2006-2008

University of Florida - Music/Computer Science - 2000-2002 - Alumni Fellowship

Ball State University - Masters of Music - 1998-1999 - Teaching Assistantship

Ball State University - Bachelor of Music - 1992-1997 - Performance Scholarship

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**Certification and Training**

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MCSE 2003

SANS Security Essentials Training (March 2007)