

Experience

2000-Present **Advantage Computers, Evergreen, CO**

Owner

- Installation/Maintenance of Remote Access Services (RAS)
- Security and health Monitoring of Windows 2000 and Linux servers such as file permissions as well as raid and hd health
- Fax server installation/maintenance using HylaFax
- Designed and implemented network strategies featuring Linux/Open Source software that resulted in expense reduction while improving productivity.
- Network security systems implementation
- Create/manage users/groups using LDAP and Active Directory
- Effectively hosted, maintained, and supported web/mail/file/database/print servers, Windows PDC/SDC Servers, Linux LDAP servers.
- Basic system maintenance in a Linux environment. Backup, log rotation, insuring proper daemons were kept running
- Virus eradication and recovery
- Disaster Recovery planning
- Setup/Maintenance of Firewalls
- PHP/MySql Client/Server Design and Implementation
- IIS and Apache Service management
- Provided service for Design, Installation, and Maintenance of WinNT/2000/Linux Networks
- Network Upgrades
- DSL & T1 Integration
- Network Clustering using Linux and OpenMosix
- Network Design Documentation
- Print Server installations
- Built new PC's from scratch and used Ghost Disk Cloning technology to produce mass duplicates of a single configuration
- Provided Network/PC/Software Consulting
- Troubleshoot & implement PC Repairs and Software problem solutions
- Provided telephone tech support for entire client base
- Performance Monitoring and Fine Tuning
- Website implementation including integration of shopping carts and other web specific programming client needs
- Provided Relocation services
- Suggest new products that increase productivity and reduce costs for clients
- WIFI 802.1x Network Installation, Consultation, and Maintenance
- Website Design, server installation, maintenance and consultation for Kappaluppa.com

1998–2000 **Amtron, Evergreen, CO**

PC Technician/Network Engineer

- Built server computers for clients
- PC Upgrades, Troubleshooting, PC Consulting
- Designed new computer systems using various types of Operating Systems that include BSD, Linux, x86 Solaris, Windows NT, Windows 95/98 with bundled software to compete with large retail computer outlets.
- Network Consulting for all Amtron clients
- Designed, supported, and upgraded all of Amtron's Networks used for clients
- Supervised all PC Repairs and Software problems
- Provided telephone tech support for entire client base
- Provided clients with Hardware/Software consulting to meet clients needs

1993-1995 **University of Maine at Lewiston, Lewiston, ME**

Computer Lab Technician

- Administration of a Linux based gopher server handling approximately 300 client/socket connections at any given time
- Responsible for providing a route to a global network consisting of computers from all over the world
- In charge of all hardware repairs and installation
- Designed and Implemented network backup system for NT Servers
- In charge of all user accounts and account maintenance
- Used Ghost Disk Cloning technology to perform quick installation of new Workstations
- Monitored Network Bandwidth usage of several computer labs
- Provided technical assistance to staff and students
- Remotely monitored NT Server system resources

Skills

Desktop Operating Systems:

Linux

- Mandrake
- Debian
- Suse
- RedHat
- Knoppix/PCLinuxOS

Microsoft

- Windows 95, 98, ME, 2000 Pro, XP Home/Pro

Network services

Linux

- Linux Terminal Services
- Postfix/Qmail Email Servers
- Bind DNS Servers
- Apache Web Servers
- Samba SMB Servers (smb/wins)
- Mysql/Postgres Databases
- SNORT Intrusion detection servers
- Nessus Security auditing servers
- Proftpd/WUFTP Servers
- DHCPD Servers
- LDAP Domain Servers
- IPTables Firewall Servers
- TightVNC Servers/Rdesktop clients
- Rsync/Veritas Backup Servers
- ext2/ext3, reiserfs, jfs, nfs, afs Filesystems

Unique skills:

- Ability to integrate Linux and Windows into a complete working environment to minimize cost and maximize production.
- Ability to completely replace Windows Desktops without sacrificing Windows applications by utilizing Windows Terminal Services and Linux Rdesktop Clients, VMWare sessions, and Wine applications.
- Knowledge of obscure software for both Windows and Linux that can assist in completing any task.
- Ability to learn new software/hardware at extreme speeds due to vast knowledge of how hardware/software work together and in-depth knowledge of many GUI types.
- Vast Programming knowledge including perl, c/c++, php, java, bash shell scripting, windows batch programming, "expect" language, and the ability to learn new languages very quickly
- Ability to not only design Databases with Mysql/Postgres but ability to integrate/code PHP/Perl/C++/Java client applications.
- Ability to design, construct, and support an Application Cluster Network (Use regular applications such as Netscape in a clustered manor)

Server Operating Systems

Linux

- Mandrake Advanced Server
- Debian
- Suse
- RedHat Enterprise
- OpenBSD/FreeBSD

Microsoft

- Windows 2000 Server, Advanced Server, and Corporate
- Windows 2003 Server and Corporate
- OpenMosix Clustering

Microsoft

- Windows Terminal Services
- Exchange 2000, 2003
- Windows DNS Services
- Windows IIS 5+ Servers
- MS Wins Services
- MS SQL Server 2000
- HylaFax clients for Windows
- DHCP Services for Windows
- MS Ftp Services
- Windows PDC Servers and Active Directory services
- Watchdog, Linksys, SonicWall, Pix, Linux Firewall devices
- TightVNC Servers, PCAnywhere
- Veritas Backup Servers

References Upon Request