

Daniel R. Bair

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Interests

Linux, computers, web design, problem solving, science, Christianity, and working with people.

Technical Skills

Languages	[yrs]	Technologies	[yrs]	Operating Systems	[yrs]
▪ ASP/ASP.net	[3+]	▪ MS Office	[10+]	▪ Linux	[10+]
▪ Visual BASIC	[7+]	▪ FrontPage/DreamW	[5+]	▪ Windows XP	[9+]
▪ ANSI SQL/TSQL	[10+]	▪ Adobe Photoshop	[7+]	▪ Windows Server	[5+]
▪ HTML/CSS	[10+]	▪ Adobe InDesign	[3+]	▪ DOS/Win 3.1 - VISTA	[15+]
▪ Java Script	[10+]	▪ OpenOffice	[10+]	▪ Macintosh 6-9/OSX	[15+]
▪ PHP	[10+]	▪ Apache/IIS	[10+]	▪ Novell Netware	[3+]
▪ Perl/CGI	[5+]	▪ Norton Ghost	[3+]	▪ Palm OS	[3+]
▪ CSH/KSH/SH	[15+]	▪ MySQL/MSSQL/PgSQL	[7+]	Certifications	[yrs]
▪ Python	[2+]	▪ DNS/DHCP	[10+]	▪ CompTIA A+	[3+]

Work Experience

- 06/10 – present **System Administrator/Engineer**
Family First Radio Network, Keene, TX.
Setup Rivendell Radio Automation networked environment.
Setup Icecast MP3 streams to broadcast towers across the USA.
Managed EAS and Telemetry equipment at radio towers.
Setup DHCP3D and BIND private/caching name server.
Windows 7, Windows Vista, Windows XP, Linux, Apache, PHP, and MySQL.
- 10/08 – 11/09 **System Administrator**
Gospel Ministries International, McDonald, TN.
Managed OS-X and Windows Vista video editing machines.
Managed network printers and copiers.
Maintained multiple websites for various projects.
Setup DHCP3D and BIND private/caching name server.
OS-X, Windows XP, Windows Vista, Linux, Apache, PHP, and MySQL.
- 04/08 – 10/08 **IT Architect/System Administrator**
Apison SDA School, Apison, TN.
Contracted to retrofit and redesign grossly outdated computer lab.
Demoed, sold, implemented and installed an Edubuntu Linux classroom server.
Helped debug Ubuntu 8.04 beta packages for LTSP chroot build scripts.
Configured PXE boot environment on older P3 and Mac PPC machines.
Build dummy package to fix dependency failure for PPC environment.
Managed network and a classroom of 20 Linux Terminal Server workstations
Configured network to work with Comsifter (Linux) internet filter.
Setup DHCP3D and BIND private/caching name server.
Linux, Apache, PHP, MySQL, LTSP.
- 10/05 – 10/08 **System Administrator**
Collegedale Academy, Collegedale, TN.
Designed a SuSE Linux server to work as a backup machine for other servers.
Built and Setup Quad Core admin machine with Ubuntu 64-bit with tripple display monitors.
Installed and manged Zenworks imaging server with Linux PXE boot environment.
Implemented and installed wireless labs, and maintained websites.
Network and Computer System Administration; DNS, DHCP, eDirectory.
Linux, Netware 6.5, Windows 2003 Server, and Windows XP.
Apache, Sendmail, Border Manager, ZenWorks and Groupwise.
See www.collegedaleacademy.com

- 08/04 – 10/08 **Database & Web Administrator**
 A.W. Spalding Elementary, Collegedale, TN.
 Setup Ubuntu Linux server to work as an email filter for existing Exchange email.
 Setup PXELinux server for newer diskless machines to work with Norton Ghost.
 Designed a database to track student progress.
 Maintained a websites for school and various departments.
 Linux, Windows Server 2000 and Windows XP
 Postfix, Sendmail, MySQL, MS-SQL and MS Access.
 See www.awspalding.net
- 02/03 - 08/04 **System Administrator**
 Entrepreneurial Development Foundation, Ooltewah, TN.
 Setup Windows 2003/Exchange 2003 server and Windows XP workstations.
 Managed DNS and TCP/IP routes through multiple OpenVPN subnets.
 Setup Security and VPN to multiple physically remote offices.
 Exchange 2003, Windows 2003 Server, and Windows 2000/XP.
- 11/99 - present **System Administrator**
 Miracle Meadows School, Salem, WV.
 Managed Mandriva Linux server for multiple websites.
 Designed a database to track student progress.
 Transferred the school website to Mambo/Joomla CMS.
 Created web portals for staff, student and parent access to database.
 Apache, PHP, MySQL, MS-SQL and MS Access.
 Setup Redhat Linux server as Samba domain controller for office.
 Setup SuSE Linux desktop for computer lab workstations.
 Network and Computer System Administration.
 Educational Technology Director.
 Linux and Windows 95/98/2000/XP.
 See www.miraclemeadows.com
- 1996 - present **Freelance/Contract Work**
 Bair Electronics, Collegedale, TN.
 Setup Debian Linux as Samba file server and backup machine.
 Designed a database/application to track book requests/orders.
 Created PDF reports from database content for web application.
 Transferred many existing websites to Joomla/Mambo CMS.
 Designed and setup my own Linux computer lab for experimentation.
 Computer consulting, setup and repair - Hardware and software.
 Contract jobs for Ritchie County School System and various other schools listed above.
 Apache, PHP, MySQL, MS-SQL, MS Access, HTML, CSS and JavaScript
 BIND, DHCP, TCP/IP, VPN, Bluetooth, Wifi,
 Linux, DOS, Windows, Macintosh and Amiga
 See www.danielbair.com and www.aspenwebdesign.com
- Summer 1993 **Network Technician**
 CompuServe, Columbus, OH.
 Tested and maintained dial-up network nodes.
 Windows, DOS

Education

- 2003 - 2006 **B.A. Religious Studies & Education Minor**
 Southern Adventist University, Collegedale, TN.
 Graduated December 2006.
- 1992 - 1994 **Electronic Engineering Technology**
 DeVry Institute of Technology, Columbus, OH.
 Completed 32 credit hours.

Comments

I have been working in the computer industry for over fifteen years. I have acquired a broad and detailed knowledge of information technology over diverse systems and environments. I enjoy finding the most efficient solution to the problem. I have been working with Linux since it's early days on various hardware platforms.

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References

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