

Doug Warner

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Internet Service Specialist | Linux, Web, Networking

I desire to work in an open environment that encourages collaboration and development of new products or ideas.

My jobs have been described as a Web Software Developer, Systems Administrator, and Network Administrator in the past and I excel when challenged in multiple areas to develop products or services incorporating technologies from all of these areas.

Professional Experience

Mozdev Community Organization, Inc, Telecommute - June 2007 – Present

Free software hosting for the Mozilla community, focused on providing project space to host web pages, documentation, source code, and provide tools for community/user interaction

Site Developer

- Focused on bringing new site features to hundreds of hosted projects simultaneously with minimal interruptions
 - Added option for projects to add a blog, forum, and wiki to their sites for interacting with users and managing documentation
 - Added additional syndication feeds for tracking project development
- Created new mirror management system to improve availability and efficiency of mirrors
- Improved main download site to make it easier to find files and better track download statistics
- Improved project discovery by adding tagging and search as well as indexing supported applications by extensions
- Added secure installation and updates of project extensions
- Implemented Mercurial support for all projects

Express Dynamics, Carlisle, PA - Nov. 2005 – June 2007

Developed a custom business engine to allow customers rapidly develop business applications suited to their own needs and workflows.

Software Architect

- Focused on ensuring the WorkXpress platform scaled to tracking hundreds of thousands of items with optimal performance
- Designed and implemented server installation and software installation/upgrade processes that simplified deployment to new and existing customers
- Ensured primary customer's software needs were met allowing the company to grow through its initial startup period
- Implemented automated software testing and test code coverage reporting in order to spot errors sooner
- Maintained core IT services to allow company to operate and grow; examples include automated backup procedures, disaster recovery planning, file, mail, web, and DNS server administration

CTI Networks, Inc (d.b.a. PadotNET), Mechanicsburg, PA - April 2001 – Nov. 2005

ISP providing services across 10+ states from dial-up to dedicated services and hosting.

Network Engineer

- Implemented problem detection and notification system to maintain high availability of network routers and servers
- Maintained Routers and Network Access Servers (NAS) including a large OSPF network and BGP sessions to our upstream providers
- Developed an update caching system for our Linux server farm
- Installed and configured call center PBX, which includes a large VoIP network
- Designed Current DNS Management System to be scalable and easy to maintain
- Installed and Maintain Trouble Ticket / Knowledge Base system for various tasks including Abuse, Incident Response, and Tech Support
- Designed Internet Instant Message (IM) system to simplify intra-office communication

Web Developer

- Technical Lead responsibilities included designing and implementing a PHP web interface for 10 websites of a multi-state ISP using a centralized MySQL database back end

Shippensburg University, Shippensburg, PA - Fall 1999 - Spring 2000

Shippensburg University was beginning it's Virtual University program to provide distance education and needed assistance getting its web technologies off the ground.

Web Master/Designer

- Architected and implemented portal web site for multi-university distance education project
- Worked with Professors to develop online classrooms and determine appropriate content delivery mechanisms

Community Involvement

NetMRG, <http://www.netmrg.net> - November 2002 – Present

Open Source Trend Monitoring

Lead Developer

- Designed Public Interface including setup of main web page for news distribution, user support forums, and download management system
- Setup CVS Repository for project tracking; later migrated to Subversion
- Redesigned User Interface, focusing on usability and features

Hays Grove United Methodist Church, Newville, PA – June 2006 – Present

Trustee Chairperson

- Responsible for coordinating continued maintenance and improvements of grounds and property as well as overseeing legal responsibilities of the church

Education

Bachelor of Science Degree

Computer Science Degree

Shippensburg University, Shippensburg, PA
Fall 1998 - Spring 2002

Skills Checklist

Web Development/Design : HTML5, XHTML, CSS, SSL, PHP, Perl, MySQL, Javascript, AJAX

Linux/BSD Server Administration : Red Hat, Fedora, CentOS, Gentoo, FreeBSD Apache HTTP/HTTPS, MySQL, Bind, DNS, SNMP, NTP, XMPP

Networking/Server Farm Administration: Cisco IOS, Lucent TNT TAOS, OSPF, BGP, QoS

PBX Administration: Asterisk Integration, VoIP, SIP, IAX, H.323

Programming Languages : PHP, Perl, Bash shell scripting

Proficient in Various Operating Systems : Linux, FreeBSD, Windows 9x/NT/2000/XP, MacOS X