

# Randy Fay

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## Profile:

A history of successful web development, network development, troubleshooting, support, and software development efforts using both Unix (Linux, Solaris, many other \*nix) and Windows platforms.

- **Drupal Development:** Modules contributed to Drupal.org and several patches accepted into both Drupal 6 and 7. Active participant in the Drupal community. Offering support in IRC, etc. Presenter at Paris Drupalcon and DrupalCamp Colorado (2009).
- **Education and Training:** Formally trained in secondary education, always active in training and mentoring others. Presenter at recent Drupal conferences.
- **Network Development and Support:** Windows and Unix Network and System Administration, TCP/IP, DHCP, Samba, Sendmail, NIS, Automounter, Revision Control, Web servers including Apache, IIS, Tomcat, Exchange 2003
- **Programming Languages:** PHP, C#, C++, C, Perl, Java, Unix Shell, Awk, SQL, XML, XSLT.
- **Internet Development:** HTTP, HTML, CGI, NNTP, DNS, Proxy servers, Routing (RIP/OSPF), Apache. BSD Sockets, extensive TCP/IP in general, PHP, MySQL, LDAP design and implementation.
- **Windows Development:** Visual C#.net, C++/MFC, Kernel-mode device drivers.
- **Windows Administration:** Windows Server 2003 Active Directory, DHCP, DNS, WINS, Windows Exchange 2003.
- **Database development and administration:** MS SQL Server, MySQL
- **Unix Development:** Network software including protocol-level development, Kernel development including Streams Device drivers (Solaris), Informix ESQL, Lex/Yacc
- **Unix Administration:** TCP/IP, DHCP, Samba, Sendmail, News, NIS, Automounter, RCS revision control, etc.

Experience:

2003-present: Randy Fay, LLC (principal), Palisade and Denver, CO

Drupal development and hosting, small business and home IT support

- Web development in PHP, ASP.NET with MySQL and SQL Server 2000 backends.
- Exchange Server 2003 Deployment and Administration
- Software Development Best Practices consulting
- Virtual PC and Virtual Server deployment for infrastructure, test, and development

2001-2003: Sybase Corp, Englewood, CO

Senior Staff Software Engineer (Windows/Solaris/HP-UX/AIX environment)

- XML Development and design including XSLT, DOM, SAX, and related technologies.
- Instituted many intra- and inter-team communications initiatives
- Promoted/evangelized quality software techniques
- Maintained, documented, and stabilized a core component of the architecture..

1997-2001: Peak Software Solutions, Littleton, CO

Senior Software Engineer (Solaris development environment)

IT Department Head (Solaris, Linux, and NT Planning, Design, Implementation)

- Designed and developed wireless communications solutions including TDMA Circuit IWF.
- Designed and implemented network and system infrastructure for the company, including layer 2 switching, routing, security, DNS, automounter, sendmail, NIS, backups, and extensive policies and procedures development.

1996-1997: Platinum Technology, Inc., Englewood, CO

Senior Software Engineer (Windows NT 4.0 and Unix mixed environment)

- Designed and developed Windows NT Kernel-mode Device Driver as core component of network sniffing analysis tool.
- Developed MFC configuration tools.
- Unix & NT System Administration. Implemented DHCP, WINS, web server, dial-up, backups for entire network. Implemented web-based bug tracking system. Supported DNS, NIS, Samba.

1996: Standard & Poor's Compustat, Englewood, CO

Senior Systems Analyst (Windows 95/NT Visual C++ Environment)

- Conceived, architected, designed, and led a team to implement a completely new Internet (HTTP) product running on Win95/WinNT.
- Successfully promoted Internet solutions to various marketing and information delivery problems.

1991-95: Evolving Systems, Inc., Englewood, CO

Senior Software Engineer (Solaris and A/IX Unix Environments; C/Perl/Tcl)

- Designed and developed kernel-level communications software for the emerging CDPD (Cellular Digital Packet Data) technology, resulting in successful delivery of a CDPD MD-IS system running on in a Sparc/Solaris environment.
- Led teams to develop various Telco software solutions under A/IX.
- Developed extensive Intranet information-sharing resources to promote internal communications.

1991 Minicomputer Systems Boulder, CO

Senior Software Engineer (Unix/C and MS-DOS)

1988-1991 Technical Comm. Services Denver, CO

Principal, Software Developer, Manager (MS-DOS, Macintosh; C)

1982-1988 CSI Denver, CO

Software Developer (C and BASIC, Embedded systems)

Education:

MSCS, University of Colorado at Denver, 1996  
 BA History/Education, Adams State College, 1980.  
 Secondary Teacher Certification