

INFORMATION TECHNOLOGY

Worked as a technical director and manager, project manager, application and web programmer and as an independent contractor, handling multiple, concurrent projects. Managed several Information Technology departments. Was lead developer of several software and web application development teams. Developed innovative XBRL showcase website for the SEC. Planned, tested, and implemented back-end database, operating system, and enterprise software transitions. Installed and maintained multi-server clusters. Developed a distributed network database application to integrate core administrative functions. Designed e-commerce websites for B-to-B and sales transactions. Fifteen years of technical experience working in Information Technology.

Applications/Languages: Access, AJAX, Apache Web Server, Aptana, ASP.NET, AutoCAD, Avid Video Editing, Bash Shell, C#.NET, Checkpoint Firewall, Crossfire Analyst, CSS, DHTML, Dreamweaver, Eclipse, Evrsoft 1stPage, Exchange Server, Excel, Expedition, Firefox, Fireworks, Flash, FreeHand, Front Page, GIMP, HomeSite, HTML, Internet Information Server (IIS), Inkscape, Internet Explorer, JavaScript, Korn Shell, LAMP, MapLinx, Mono, MySQL, Netscape, OneNote, OpenOffice, Outlook, Parallels, PEAR, Perl, PhotoShop, PHP, Pinnacle Edition and Studio, PostgreSQL, Premiere, Primavera, Project, Python, RSS, Safari, SOAP, SQL Server, SPSS, SSHFS, StarOffice, Subversion (SVN), TestTrack, Thunderbird, UltraEdit, Veritas BackupExec, Visio, Visual Basic, Visual SourceSafe (VSS), Visual Studio, Word, XAMPP, XBRL, XHTML, XPlanner, XML, XSLT, Zend Studio and many other scripting, email, video, graphics, network, compression, backup, anti-virus, security, and utility programs.

Operating Systems: Apple Macintosh OS X, Debian Linux, Fedora Linux, Red Hat Enterprise Linux, SuSE Linux, Ubuntu Linux, Windows Vista, Windows XP, Windows 2000 Advanced Server, Server and Professional, Windows NT 4.0 Server and Workstation, Windows NT 3.51 Server, Windows 98, Windows 95, Windows 3.11 for Workgroups, Windows 3.1, MS-DOS.

Networking: Installed and maintained several networks including 802.11g and 802.11b wireless, T1, ISDN, Gigabit, 100 Megabit, 10 Megabit, DSL, Coax. Also familiar with SMB, TCP/IP, IPX/SPX, NetBEUI, and AppleTalk. Integrated Linux, VMS, UNIX, Macintosh, and Windows networks.

PROFESSIONAL EXPERIENCE

Rivet Software, Inc. - Englewood, Colorado (2006-present) *Software Engineer*

- Built an interactive financial information viewer for the Securities and Exchange Commission (SEC) to showcase information available in XBRL filings.
- System available at <http://www.sec.gov/spotlight/xbrl/xbrlwebapp.htm>
- Worked with the company's SEC liaison to ensure contractual compliance
- Built a multi-server distribution with development, staging/QA, and several production servers (RedHat AES)
- Programmed innovative web interface with AJAX, JavaScript, PHP, MySQL, RSS, Mono, SOAP, XML, XSLT
- Used Zend Framework and PHP 5 object-oriented programming techniques
- Responsible for servers stability and security including load balancing, fail-over, system and application updates, data monitoring, backups, firewall security policies, and Bastille system hardening tool
- Migrated Crossfire Analyst portal from a desktop application to be web-based (dotNetNuke)
- Worked on the programming team for the 2007 debut of Crossfire Analyst (C# and ASP.NET)

Reliant Web Solutions, LLC. - Parker, Colorado (2005-present) *Owner/Project Manager/Developer*

- Managed multiple concurrent clients and software development projects
- Worked with agencies, independently and through contract firms
- Managed tight deadlines, high expectations, and demanding customers

- Specialized in dynamic site development with Linux, Apache, MySQL, and PHP with CSS layouts, and object oriented design
- Worked with and contributed to several open source software projects
- Industry experience includes:
 - Real-estate
 - Title insurance
 - Entertainment
 - Event management
 - Publishing
 - Social networking
 - Health care
 - Medical supplies
 - Retail/wholesale sales
 - Construction claims
- Portfolio of past sites available at <http://www.reliantwebsolutions.com/portfolio/>

IDIA Group, Inc. - Lakewood, Colorado (2004-2005)
Technical Project Manager/Lead Developer

- Managed multiple concurrent software development projects
- Worked with the executive team to develop company and department goals, direction and objectives
- Managed Information Technology department staff and budget
- Managed support staff and customer satisfaction
- Coordinated updates/bug fixes priority list and feature implementation
- Responsible for development timeline and service launch dates
- Coordinated contracts and services with vendors to ensure server availability, data security, redundancy and business continuation
- Lead developer for an extensive enterprise-level B-to-B real estate web application
 - Red Hat Enterprise Linux platform
 - Apache web server
 - MySQL database design and programming
 - PHP, HTML and JavaScript front-end and client interface
 - Customizable HTML, PDF, CSV, and text output options
- Established "hot-site" with file and data replication in another state, automated failover, tested regularly
- Achieved 100% of contracted uptime from October 2004 to September 2005

Kellogg, LLC. - Denver, Colorado (2001-2004)
Technical Manager

- Consulted on computer systems and databases for multiple legal and construction clients
- Extracted data from various client databases and consolidated into analytical software
- Prepared documentation, arguments, and work-product for deposition and trial
- Managed data input and quality of data services for statistical analysis
- Researched and evaluated software solutions
- Developed a large CRM application and coordinated it with bulk mail application
- Ensured network security with firewalls, multi-layer anti-virus, and network packet monitoring
- Designed and programmed public and intranet websites
 - SQL database programming
 - PHP, XML, XSLT, and SQL code to manipulate data
 - HTML and XHTML front-end for data display and input

Command Technology Group - Parker, Colorado (2001-2004)
Owner/Technical Manager

- Worked as an independent consultant for multiple clients
- Installed and maintained servers and workstations
- Provided initial and ongoing network and computer support services
- Programmed interface for B-to-B e-commerce website
- Developed several large database applications
- Automated rendering and distribution of loan application documents
- Conversion of marketing materials to web-ready PDF files
- Integrated Palm handhelds into business communications
- Charitable donation of web design services to two companies

Bullfrog Technologies - Denver, Colorado (2000-2001)
Technical Manager, Client Site Support

- Worked on-site at the client location as a Project Manager for multiple concurrent projects including:
 - Back-end Database Conversion
 - Intranet Site Development
 - Operating System Transition
 - Support Desk Setup
 - MS Exchange Implementation
 - Email Processing Automation
 - Network Security
- Managed PC services, server administration, and LAN/WAN support staff
 - Installed and managed twenty-eight NT servers, supporting 350 end-users
 - Handled purchasing and software/hardware maintenance contracts

University of Denver - University College, Denver, Colorado (1997-2000)
Information Systems Manager, Information Systems Department

- Managed the Information Systems staff and budget and developed and managed annual budget and 3 and 5 year expansion plans
- Organized and chaired a web oversight committee for the University College website
- Worked with contractor for website design and development
- Installed and managed a clustered Windows NT server network
 - Server installation, setup of RAID systems, user management, security management
 - Regular backups, backup testing and disaster recovery/preparation
- Wrote, documented, and maintained a distributed database for Microsoft SQL Server
 - Developed table structure and relationships, and normalized the data structure
 - Created user interface in Visual Basic and MS Access
- Obtained MCP certification

University of Denver - Denver Research Institute, Denver Colorado (1995-1997)
Systems Analyst, National Law Enforcement and Corrections Technology Center

- Created and maintained several national Internet web sites
 - Provided daily maintenance on site content
 - Changed the overall architecture and graphics annually
- Wrote and maintained a distributed database structure and user interface
 - Developed table structure and relationships
 - Normalized the data structure and created user interface (MS Access and Visual Basic)
- Compiled data for a NIJ report on organizational interoperability and provided statistical and geographic trend analysis
- Organized and instituted a computer network and installed cables, NIC's, and hubs
- Represented the center at national conferences and exhibitions
- Retained a Secret level government security clearance

University of Denver - Denver Research Institute, Denver Colorado (1993-1995)
Research Assistant, Computational Dynamics Laboratory

- Organized and instituted a telecommunications network using the University's ADI network
- Created CD-ROM data and image files for publication with scanned and edited graphics and text
- Created 3-D computer models and engineering drawings of various vehicle systems and weapons using AutoCAD r.10 - r.13
- Built, repaired and maintained PC systems doing hardware level repairs and replacements
- Obtained a Secret level government security clearance