

DAVID A. DESROSIERS

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I solve problems.

Your Needs	My Strengths
Business	Vision, Strategy, Program/Project Management, Passion, Critical Thinking, Strategic Planning, Sizing
Development	Perl, PHP, SQL, C, shell programming
Web & Internet	Apache/IIS, mod_perl, (SG X HT)ML, CGI, CSS, SMTP, bind/DNS, graphic design & web usability stressing standards and system compatibility
OS & Systems	Many platforms including UNIX, Linux, FreeBSD and all Microsoft Windows, Samba, NFS, LDAP, SCM/revision control, and SQL (MySQL), performance tuning and optimization
Architectures	x86, PPC64, Intel, AMD, ARM, MIPS and Motorola, Virtualization (VMware/Xen)
Security	Auditing, Intrusion Analysis, Encryption, Firewalls (pf, iptables), VPNs, AUP/IAUP, secure shell (ssh), PKI

February 2008 – Present

Merrill Lynch/Bank of America, Manhattan, NY

<http://www.ml.com/>

Vice President in Global Technology

- Responsible for engineering, building, installing and maintaining over 1,200 separate Open Source and vendor packages within a single, intelligently-managed, global, enterprise-wide NFS namespace (EFS). This includes over 600 separate Perl modules, hundreds of libraries, several RDBMS engines, language engines (php, python, java, perl, tcl), Java artifacts and other applications and solutions
- Developer of several custom tools and utilities to leverage the reduction of duplicate effort maintaining and building software into the namespace. These tools have reduced the overall package maintenance effort by a minimum of 75% from hours to minutes
- Member of the Open Source Services Group (OSSG), with the responsibility of intercepting new incoming requests for Open Source packages and recommending possible existing alternatives or pushing requests through OGC for further legal review as necessary, keeping strategic compliance and security concerns in mind
- Responsible for maintaining ties and liaising with other groups as required, to maintain ongoing operation of the EFS namespace from a hardware, storage, network and infrastructure perspective. This includes datacenter consolidation, managing C&R failovers and migrations between “cells”
- Initially contracted through “[Starpoint Solutions, LLC.](#)”; converted to full-time in September of 2008

March 2005 – June 2007

IBM/EML Incorporated, Austin, TX

<http://www.emli.com/>

Linux on Power Developer Program Manager

- Designed, managed and delivered the IBM Linux on POWER effort in a team environment, focusing primarily on Open Source and Linux developer resources for the IBM Systems & Technology Group (STG) in several global communities
- Designed and organized, in a team, for IBM's presence at many Open Source industry conferences
- Delivered PPC64 hardware to many Open Source projects, universities, and key Linux contributors
- Authored or prepared publications regularly for online and printed Linux-based magazines as well as internal strategy documents, collateral, presentations and other materials to promote Linux and POWER from within

February 2005 - March 2005

Court Square Data Group, Springfield, MA

<http://www.csdg.com/>

UNIX System Administrator

- Performed system administration tasks (builds, installs, patching, break-fix) on Solaris 8 and 9 machines for a major pharmaceutical company in the southeastern Connecticut area
- Lead Linux builds and maintenance on the IBM JS20 BladeCenter and other related clusters for CSDG clients
- Technical-support resource for the help desk, sales, engineering, and other departments as required

January 2003 – January 2005

Wild Open Source, Inc., Burlington, MA

<http://www.wildopensource.com/>

Open Source Research Engineer; Client Liaison; Trainer

- Supported kernel, Apache, and firewall issues for this company which supports firewalls and websites for hundreds of other banking and financial institutions
- Interfaced with customers weekly
- Trained research scientists to use a new 26-node cluster effectively for batch job submission and management using IBM xCat, Maui, Torque, IBM BladeCenter hardware, RHAS 2.1, and other components
- Deployed high-volume NFS cluster and Microsoft SQL Server cluster using HP's SecurePath and SteelEye's LifeKeeper product for cluster failover and reliability
- Developed a custom zip code search engine using Perl/ASP and a keyword search engine (in ASP) for their website's pages, running on Windows 2000 with IIS.

March 2000 – December 2001

Linuxcare, Inc., San Francisco, CA

<http://www.linuxcare.com/>

Senior Research Engineer; Client, Sales and Research Liason; Course Developer

- Conducted onsite research, Internet data harvesting, and developed custom applications utilizing Free Software and Open Source solutions wherever possible for customers such as Sun, HP, IBM, Dell, Gateway, Tricord, the National Security Agency, and others.
- Partnered directly with customer development groups to design, test, develop, execute and document drivers, file systems, applications and other key components of customer equipment and solutions
- Designed and managed a server-based architecture for building a single "business-card-sized" bootable Linux distribution called the "Bootable Business Card" (BBC), later re-branded as the "Linuxcare Bootable Toolbox"
- Designed an Embedded Linux Development course
- Engineered Linux solutions to complex IBM-related issues for unreleased and prototype ThinkPad laptops
- Development and Sales Engineer; participated in development discussions at client sites and with customers (such as Compaq, the California Masons, and the National Security Agency)

May 1998 – March 2000

Pfizer Global Research and Development, Groton, CT

<http://www.pfizer.com/cr/groton/>

Information Specialist/Emerging Technologies; User-Group Developer

- Designed, architected, and managed a team which successfully deployed Microsoft Windows NT on new desktop machines to a 257-person department
- Managed manual backups, builds, and restorations of each workstation
- Designed pharmaceutical-based research solutions, including the deployment and ongoing maintenance and administration of the leading chromatography application used within Central Research, chromatography deployment, and application-performance configuration issues
- Tested and designed solutions for connectivity with various handheld, wireless, tablet devices and platforms
- Performed on-site system and security audits of external partner facilities in an effort to deploy a future VPN solution to those organizations
- Founded a "Web User's Group" (W.U.G., 230 members) inside Pfizer, Inc.
- Designed a custom web-based threaded discussion forum for use between WUG subcommittees
- Pioneered and created a group, 'Emerging Solutions', to further develop and deploy advanced solutions

Varied (Project developer, maintainer, host, portal, author and publisher of educational articles)

Have developed, maintained, hosted and contributed to a variety of projects, some of which include:

- **pilot-link** (*Project maintainer, lead developer*) <http://www.pilot-link.org/> Suite of Open Source tools that connects and synchronizes data between Palm™ handhelds and Linux, UNIX desktops
- **Plucker** (*Developer, community support, hosting, portal*) <http://www.plkr.org/> Offline HTML and e-book viewer for Palm™ handheld devices, distributed world-wide and used by many commercial companies, including Palm, Inc. themselves and many medical industries
- **J-Pilot** (*Contributing developer, community support, hosting*) <http://www.jpilot.org/> A Palm Desktop® "clone" application for Linux and UNIX systems
- **SiteScooper** (*Content contributor, Technical Support, Development Assistance*) <http://www.sitescooper.org/> This program automatically retrieves the stories from several news websites, trims off extraneous HTML, and converts them into formats you can read on your Palm™ handheld device
- **gnu-designs, inc** (*Owner, Developer, Provider*) <http://www.gnu-designs.com> Global company striving to better the Internet experience through creating clean, functional, usable websites
- *Author and publisher of numerous public articles/whitepapers on Palm® usage and synchronization.*