

Objective

A Software Engineer/Programmer position with a stable company offering opportunities to expand my skills and master new technologies in a Unix/Linux environment.

Technical Skills

- Perl: high-level expertise, test-driven development, object-oriented programming, co-developer for Log4perl project on CPAN.
- General Unix system administration: nginx, Apache, Puppet, RabbitMQ, Cacti, qmail, Courier-IMAP, djbdns, iptables, KVM, Xen, LVM
- Java, JSP & Servlets
- Javascript, Python, Go, PHP, HTML
- XML, XSL, SOAP
- PostgreSQL, Oracle, MySQL, solr, Sybase, Taxis
- Linux, Solaris 2.x, OS X, Windows
- Subversion, git, CVS, Accurev; Apt, RPM, Yum, and CPAN-style packaging
- Make, awk, sed, bash scripting; C and C++

Experience

Operations Manager, Sr. Software Engineer, Berkeley Electronic Press, *October 2010 - present*

Operations manager and software engineer on hosted web platform, scholarly publishing for university document repositories and academic journals.

- Responsible for a colo installation of about 70 debian hosts, physical and virtual. Made improvements to horizontal scalability, capacity, uptime, metrics, repeatable installations.
- Perl and Javascript programming and Linux engineering on a web application with a PostgreSQL backend. Helped with modernizing codebase and practices: separation of code and presentation, application-level data partitioning, unit testing.

Software Engineer, Six Apart, *March 2006 - October 2010*

Back-end engineer on Vox and TypePad products--hosted Web 2.0 blogging/multimedia/social networking platforms.

- Perl programming and Linux engineering on a system based on Catalyst and Data::ObjectDriver, all areas of the application from the database to the JavaScript front-end.
- Heavy collaboration with Product, Operations and Support.
- Light team leadership for some small teams

Integration Engineer, Ensenda, *March 2002 - March 2006*

Programmer for an startup specializing in same-day delivery services

- Responsible for integrating customer systems with Ensenda's: XML, SOAP, ssh, FTP, SMTP, ODBC, EDI X.12.
- Provided Linux and network sysadmin support.
- Supported development on large Perl Mason-based web application
- Greatly improved release process to allow for automation and increase reliability

Software Engineer, iSyndicate/Yellowbrix, *June 1999 - December 2001*

Programmer for an internet startup specializing in syndicating web content, Linux/Solaris environment.

- Designed, implemented and maintained client-facing system for full-text searching of large, dynamic text corpus, based first on PLWeb, later on Taxis, with a customized SOAP interface
- Worked to establish company standards in internationalization and charset/encoding issues
- Designed and implemented JSP/Java application to internationalize the company's content catalog, backed by Oracle 8i interMedia

Software Engineer, ACP, August 1996 - June 1999

Programmer for small company specializing in promotional IVR (automated telephony).

- Developed and maintained a variety of IVR systems and back-end reporting systems

Administrative Assistant, Financial Directions, Inc., August 1993 - August 1996

Sole office and IT support for an office of five financial planners--assisted with their securities trading, asset management and life insurance business.

- Ran Novell 3.11 network; handled all PC and network hardware, backups and archives, general office applications, and broker-dealer communications software

Underwriter, AIG, Workers Compensation, February 1990 - May 1993

Promoted in stages from office temp to Underwriter Trainee in the West Coast Workers Comp division.

- Directly responsible for new business and renewals on a \$9 million book of medium-to-large work comp policies, managed broker relationships and negotiated terms with brokers
- Ran a program of 1,500 small accounts, managed office temps and one assistant, trained other employees, traveled to other regional offices to troubleshoot and assist with problems

Education**Regis College, Denver, Colorado**

Bachelor of Arts and Science. Double major in Computer Information Systems and Philosophy, minor in Writing. May, 1988.