

Christopher “Kit” Peters
3228 Campbell St
Kansas City, MO 64109
(843) 819-9065
popefelix@gmail.com

Summary:

- Twelve years experience with Linux
- Four years experience in LAMP (Linux, Apache, PHP, MySQL) development
- Four years experience in developing web applications
- Five years experience in Perl development
- Experience in database management and development using MySQL 3.x, 4.x, and 5.x
- Experience in database management and development using Oracle 10g
- Experience with Microsoft SQL Server 2000, 2005
- Experience in Object-Oriented development in Java, Python, Perl, and PHP
- Experience with Javascript, JSON, XML, XSLT, XHTML, CSS, HTML, AJAX, and generating HTML by means of applying XSLT to XML.
- Experience with Windows Server 2003, Windows XP Professional, and Windows 2000.
- DNS management using BIND
- SMTP management using Postfix
- Ten years experience with PC hardware
- Graduated College of Charleston, Bachelor of Science in Computer Science, 2006, minors in Physics and Mathematics

Technical Skills:

Programming Experience:

- Languages: Java, Perl, PHP, Javascript, Python, Common Lisp
- Tools: Eclipse, Subversion, CVS
- Packages: Catalyst Web Development Framework, DBIx::Class (aka DBIC) database abstraction layer

Database Design/Management:

- MySQL 3.x, 4.x, 5.x
- Microsoft SQL Server 2000, 2005
- Oracle 10g

Internet Software:

- BIND 9
- Postfix
- Procmal
- Monit
- Munin

Operating Systems:

- Mac OS 8-10.4; Windows 95, 98, 2000, XP Professional, Server 2003; Linux – Red Hat, Debian, SuSE, Slackware, Gentoo, Ubuntu, CentOS

Professional Experience:

Saicon, Inc., Overland Park, KS, August 2008 to Present

Contract PHP Developer

- Taking over and completing an existing municipal data management application used by Kansas City emergency services agencies, primarily fire and police
- Corrected SQL injection and XSS (Cross- Site Scripting) vulnerabilities in existing application code
- Implemented Smarty templating system in further application development in order to foster code reuse.

Technisource, Inc., Overland Park, KS, March 2008 to present

Consultant

Contract: Virtumundo, Inc., Overland Park, KS, March 2008 to August 2008

PHP/Perl Developer

- Redesigned and reengineered a core business application that parses, validates, stores, and removes duplicate information from client-submitted opt-in demographic data, making that data available to Virtumundo staff and affiliates for targeted e-mail marketing campaigns.
- Increased application performance to 300+ records per second parsed and inserted into the database.
- Application developed using a client-server model.
- Server developed in Perl using Catalyst Web Development Framework using MVC (Model-View-Controller) principles
- Designed entirely new database schema in Oracle 10g for the server.
- Client developed in PHP using OOP (Object Oriented Programming) principles.

DST Systems, Inc., Kansas City, MO, July 2007 to January 2008

Implementation Specialist

- Installing DST products (primarily AWD, AWD/BI, and AWD/RIP) on customer sites and integrating them with existing customer infrastructure.
- Developing applications using Java, XML, and XSLT to allow clients to quickly deploy and configure DST products.

Tools Used: HTML, Java, XML, XSLT, HTML, CSS, Microsoft SQL Server 2000/2005, Windows Server 2003, Windows XP Professional

Monolith Software Solutions, Charleston, SC, May 2003 to July 2007

Senior Programmer

- Developed both front-end and back-end software in PHP and Perl to interface with a MySQL database. This software allowed operators of Pizza Hut restaurants to view and manage accounting information (e.g. nightly deposits, labor costs) for all of their units via a web-based interface. Assisted in the development of a back-of-house system to aggregate and process data from the point-of-sale system that my company developed.
- I was responsible for all of the Perl code, including the primary data processing component, on the the back-of-house system. Assisted in modifying our existing back-of-house/point-of-sale database structure to remove unnecessary fields and tables, adding and modifying tables as appropriate to work with new software that I developed, and adding referential integrity to the database.
- Served as systems administrator for several in-house Linux servers. Served as systems administrator for all Linux servers in the field until a dedicated systems administrator came on board
- Developed a system for rapid deployment of new Linux servers and workstations in the field.
- Extended Debian package management system to automatically distribute new versions of our software to servers and workstations in the field.
- Assisted CTO in administering our in-house production server. Served as first point of contact when problems came up with field systems. Diagnosed problems with field systems remotely and in the field where appropriate.
- Built both servers and workstations on the x86 platform.

Tools Used: Subversion, MySQL, Linux (Debian, Slackware, and SuSE), Apache, PHP, Perl, Javascript, CSS, XHTML, HTML

A World of Difference, Inc., Charleston, SC, August 2000 to November 2002

Customer Service Representative

- Developed Perl applications running on a FreeBSD server to assist in common customer service tasks.
- Supervised a ShoutCast server that rebroadcasted Charleston RiverDogs baseball games over the Internet.

Tools Used: Perl, PC hardware, Windows 2000, Windows XP, FreeBSD, ShoutCast, dial-up Internet connectivity tools

Personal Business Experience:

Inksome LLC, Kansas City, MO October 2007 – Present

- Responsible for all day-to-day business operations of Inksome
- Responsible for administering a web site with over 9000 individual accounts
- Responsible for maintaining Inksome's Debian Linux-based servers.
- Installing and maintaining Apache HTTPD 1.3 with mod_perl, and MySQL 5.

- Maintaining DNS with BIND 9
- Maintaining SMTP services using Postfix
- Developing and implementing a database backup system for Inksome.
- System monitoring and reporting using Monit and Munin.

Tools Used: MySQL, Apache, MySQL, BIND, Monit, Munin

Education

College of Charleston, September 2002 – December 2006

- Graduated with Bachelor of Science in Computer Science
- Minors in Physics and Mathematics
- Added non-positional numeral support and an implementation of the Common Lisp Ratio type to CLforJava (<http://clforjava.cs.cofc.edu/>), a Common Lisp interpreter written entirely in Java. This was done as part of an independent study with Professor Jerry Boetje.
- Catalogued spectral lags for gamma-ray bursts detected with the BATSE (Burst And Transient Source Experiment) aboard the Compton Gamma-Ray Observatory under the supervision of Dr. Jon Hakkila.

Publications

- Nut.pm, a Perl module to communicate with the UPS monitoring software Network UPS Tools.
- “Are Long-Lag GRBs Different than Other Long GRBs?” with Dr. Jon Hakkila, et al. in the proceedings of the 2006 annual conference of the American Institute of Physics
- “A Gamma-Ray Burst Database of BATSE Spectral Lag and Internal Luminosity Function Values” with Dr. Jon Hakkila, et al. in the Astrophysical Journal Supplement Series, March 2007