Christian Clark

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📍 Grand Rapids, MI

Calvin College, Grand Rapids, Michigan
Bachelor of Arts in Computer Science, May 2002

Technical Skills

10+ years experience: PHP, MySQL, Linux, Apache, XML, HTML, CSS.
5+ years experience: Javascript, API Consumption, XSL
3+ years experience: HTML5, CSS3, jQuery, API Development

Operating Systems
Unix, Linux (Fedora, Red Hat, CentOS, Ubuntu), Mac OS X (10.2 - 10.9), FreeBSD, Windows 95/NT/98/ME/2000/XP/Vista/7

Programming Languages
Significant programming experience in PHP, Perl, SQL, HTML/XHTML/CSS, XSL, JavaScript, MS Visual Fox Pro. Additional programming experience in C, C++, FORTRAN, Modula 2, Java, Smalltalk, ASP.

Networking
Construction of physical networks, TCP/IP, Unix/Linux networking, Windows Networking, Apple Networking, Cisco IOS

Database
MySQL, PostrgeSQL, Oracle, SQL Server 7.0/2000/2005, IBM DB2, and Relational Database Concepts.

Server Management
Apache web server, SSH, LDAP, FTP, Samba, NTP, Qmail (SMTP/IMAP), BIND. Microsoft Active Directory, Exchange.

Web Services
Cerner Millennium Objects (IBM Websphere)

Content Management Systems
LWCMS, ExpressionEngine

Work Experience

Swell Development, LLC   December 2012 - Present
See a portfolio of current work at **swelldevelopment.com**

45 Currents, LLC   October 2007 - December 2013
Owner, Lead Developer
Develop, maintain, and update efficient, scalable web applications and custom web sites using current web standards and technologies. Development consists primarily of PHP development using frameworks such as phpOpenFW. Databases used include MySQL, PostgreSQL, Oracle, and Microsoft SQL Server. Web services used include IBM Websphere (Cerner Millennium Objects).

Munson Medical Center, Traverse City, MI (Contract)   May 2009 - March 2013
Systems / Software Development Consultant
Provided server and software development expertise to setup and develop an in-house LAMP stack. Developed CEMR to give physicians the ability to see patient medical records (medications, allergies, immunizations, and problem lists) side by side with data from other area practices. Developed reports using Cerner's Millennium Objects web service to pull patient lists, perform patient searchs and create central line reports. Technologies used were phpOpenFW, PHP5, XHTML, CSS, XML, XSLT, MySQL, Oracle, and Apache.

Priority Health Managed Benefits   March 2009 - August 2010
Software Engineer
Maintain, improve, and add new features to existing websites and web applications using Perl, XHTML, Javascript, and CSS. Provide assistance to infrastructure team for maintaining and troubleshooting web servers and web related services. Provide project estimates for additions and updates to existing websites and applications. Perform support services to internal organization customers on fixing web related issues.

Triovia, Inc.   December 2007 - January 2009
Lead Developer / Information Systems Manager
Manage and develop web-based applications and web sites using the latest web standards. Development environment consisted primarily of PHP, XHTML/XML, CSS, and XSLT. Manage numerous Linux servers, LDAP directories, mail servers, and MySQL databases in-house and for clients. Lead the development team in best practice programming and development of standards, focusing on developing clean, efficient, and easily maintainable code.

Adoption Associates, Inc.   July 2003 - December 2007
Information Systems Manager
Maintain 60+ Macintosh workstations and 17+ servers at 4 locations throughout Michigan. Write web-based applications in PHP/XHTML/CSS with PostgreSQL and MYSQL back-ends to suit company needs. Developed and maintained a PHP web application framework using XML transformations though XSL to produce XHTML. Maintain and upgrade existing networks enforcing network consistency, adding VPNs between offices, and adding an LDAP directory system for client/server authentication and authorization. Maintain web servers running Apache and mail servers running Qmail. Implemented many standards based solutions and handled all IS related tasks.

Advance Packaging Corporation   July 2002 - April 2003
Information Systems Specialist
Design web based database applications, maintain servers, monitor nightly backups, assist users with computer issues, maintain company computers including building, repairing and installing operating systems, and maintain and upgrade existing network. Maintained and installed Red Hat Linux Servers, including creating a VPN using two Red Hat Linux Computers.

Open Source/ Community Projects

phpOpenFW
http://www.emonlade.net/phpopenfw/
A web application framework centered around developing flexible, clean, and efficient web sites and applications that conform to the latest web standards.

LWCMS
http://www.emonlade.net/lwcms/
A lightweight content management system for use with developing custom sites and applications. LWCMS provides dvelopers, clients, and users a powerful interface to manage content, blogs, events, news, site navigations, meta tags, and site code.

phpOpenPlugins
http://www.emonlade.net/phpopenplugins/
A collections of plugins used for the development of standardized, consistent web applications and web sites. These plugins build on top of functionality that already exists in phpOpenFW.

AppJack
http://www.emonlade.net/appjack/
A modern, open source (LGPL v3) JavaScript/CSS toolkit specifically designed for web applications and functional web sites.