

SENIOR WEB DEVELOPER

Proven industry professional with expert knowledge of web-based software creation and customization, Linux/UNIX system administration, process improvement, and team leadership. Extensive experience creating tactical and strategic solutions to meet and surpass business needs.

PROGRAMMING SKILLS

- JavaScript/JSON/AJAX/jQuery/Node.js/Angular.js
- Cloud computing (AWS)
- PHP & CakePHP (MVC Framework)
- Perl/CGI
- Python
- MySQL and other RDBMSes
- MongoDB and other NoSQL databases
- Regular expressions
- Object-oriented programming
- HTML/CSS
- Integration with 3rd party APIs (Facebook, Twitter, Authorize.net, PayPal, etc.)
- Bash shell scripting
- Git/Subversion (version control)

SYSTEM ADMINISTRATION / IT SKILLS

Networking: TCP/IP, DHCP, DNS, IP Masquerading (NAT), Security/Firewall, WiFi

Services: Apache, MySQL, MongoDB, OpenSSH/SFTP, TFTP, BIND, Postfix, PowerMTA, SNMP/Cacti/Nagios

Operating Systems: Linux, FreeBSD, UNIX, Mac OS X, Microsoft Windows, Android, iOS

Hardware: Installation, Repair, Upgrades (Desktop, Laptop, Rack mount)

EXPERIENCE

Lead Programmer/Analyst

KGM Direct / Intercom Media, New York, NY

2011 - present

Developed a feature-rich Email Service Provider (thinkmail.com), which delivers millions of emails per month, using the CakePHP 2 framework and various JavaScript libraries such as Highcharts and jQuery. Completely rebuilt the tech infrastructure of a business loan company (easyfunding.com), including a new database, front-end website, and admin panel, also using CakePHP 2 and jQuery. Helped build or rebuild several new or existing websites using Wordpress, including custom plugin and theme development. Migrated existing websites to Amazon Web Services (AWS) for scalability. Mentored other programmers and provided technical assistance to designers. Administrated company servers, both on-site and colocated. Completely rebuilt an existing UK-based credit report monitoring service (creditreportsmatter.co.uk) while adding many new features, created/managed its AWS architecture using CakePHP 3, and built an admin panel for it using CakePHP 3, Highcharts, jQuery, and Bootstrap.

CTO, Lead Programmer/System Administrator

iEntry Inc., Lexington, KY

2006 – 2011

Managed all of the company's web developers and IT staff. Created new dynamic websites and internal utilities and reports (analytics, asset management, etc.) from scratch or using the CakePHP framework. Developed custom Wordpress plugins, Drupal modules, and other back-end PHP and Perl code, and front-end JavaScript code for dozens of popular websites such as WebProNews.com, Twellow.com, and DevWebPro.com. Wrote custom plugins for several vBulletin forums such as WebProWorld.com and TitanQuest.net. Integrated social networking APIs (e.g. Facebook, Twitter) into new and existing websites. Managed 800+ total websites which received a combined 15,000,000+ page views per month. Utilized Wowza Media Server on Amazon's EC2 cloud to provide scalable live video streaming from remote locations during national conferences. Maintained SMTP email servers (running Postfix and PowerMTA) and custom databases and mailing software which delivered 50,000,000+ emails per month. Maintained and monitored 70+ Linux servers. Created and maintained automated backup strategies and scripts using Bash and Perl. Strategized, installed and maintained all hardware and software purchases.

IT Manager

Clean Earth Kentucky, Cynthia, KY

2006

Spearheaded IT coordination as the sole resource for a manufacturing company of about 100 employees and 50+ workstations. Managed all servers, workstations, and printers on the company's Windows 2000 domain. Performed standard maintenance and daily tape backups. Authorized all company hardware and software purchases. Reloaded Windows on desktops and laptops for redeployment. Removed viruses and adware/spyware from employees' computers. Maintained company's telephones and PBX system. Resolved all other computer hardware and software issues.

Perl/CGI/PHP/MySQL/JavaScript Programmer

Self-Employed

2004 – 2006

Launched a consulting practice in the Internet-based e-commerce space. Created custom click-tracking software to manage and optimize PPC campaigns for myself and other clients (for the purpose of increasing ROI on advertising investments). Also performed on-site SEO and link-building campaigns to increase website traffic and meet other goals for a wide range of clients. Coded various custom website features and plugins for clients. Performed lead generation services for a popular "job search" website by signing up hundreds of new members per day through a custom portal.

System Administrator/Programmer/Analyst

University of Kentucky, Lexington, KY

2003 – 2004

Delivered system-wide support as Linux/UNIX system administrator for Engineering Computing Services at the UK College of Engineering. Ran tape backups and maintenance on all ECS servers running various versions of Linux, FreeBSD, Solaris, HP-UX, and AIX, and streamlined the existing backup process through the creation of Perl scripts. Performed troubleshooting, repairs, and hardware/software upgrades on faculty workstations, and performed upgrades and fresh installs of UNIX-based operating systems on workstations and servers. Replaced college's archaic mailing list system with a new installation of GNU Mailman on the mail server. Created a fully searchable directory of every computer in the college (and their assigned IP addresses) by customizing a PHP front end to a MySQL database.

EDUCATION

Bachelor's Degree in Computer Science

Transylvania University, Lexington, KY