davehensley

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525 E 14th St. Apt 3G
New York, NY 10009

SENIOR FULL STACK ENGINEER

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, TypeScript, JSON, AJAX, jQuery, Angular
- Node.js/Express.js
- PHP, Wordpress/Drupal, CodeIgniter/CakePHP/Laravel MVC frameworks
- Ruby on Rails
- Cloud computing (AWS)
- Containerized applications/Docker
- Perl/CGI
- Python
- MySQL and other RDBMSes
- MongoDB and other NoSQL databases
- Memcached/Redis
- Regular expressions
- Object-oriented programming
- HTML/CSS/LESS
- Integration with 3rd party APIs (Facebook, Twitter, Authorize.net, PayPal, etc.)
- Git/Subversion
- Machine Learning

SYSTEM ADMINISTRATION / IT SKILLS

Networking: TCP/IP, DHCP, DNS, NAT, Security/Firewall, WiFi
Services: Apache, MySQL, MongoDB, Docker, OpenSSH/SFTP, TFTP, BIND, Postfix, PowerMTA, SNMP/Cacti/Nagios/New Relic
Operating Systems: Linux, FreeBSD, UNIX, Mac OS X, Microsoft Windows
Hardware: Installation, Repair, Upgrades (Desktop, Laptop, Rack mount)

EXPERIENCE

Senior Software Engineer

Braze, New York, NY   9/2020 - present

Maintain the company's core platform, adding new features and fixing issues as needed. Help architect future projects and participate in technical discussions with my team and other teams. Administer technical challenges while interviewing job candidates. Provide weekly on-call support on a monthly rotation.

Software Engineer III

NS8, Las Vegas, NV (remote)   8/2019 - 9/2020

Maintained and expanded the codebase and APIs that ran the company's fraud protection product. Built a new Magento plugin to allow the product to be utilized by customers running self-hosted online stores. Replaced/expanded existing Shopify-specific functionality with cross-platform AWS step/Lambda functions that executed on demand.

Senior Software Engineer

WGSN, New York, NY   4/2017 - 8/2019

Expanded the company's flagship product by building new RESTful APIs and other microservices using PHP/Laravel and Node/Express. Maintained legacy PHP/Laravel/CodeIgniter infrastructure. Assisted PMs/POs with planning and strategizing tasks to maximize the team's productivity and efficiency. Mentored junior and senior engineers via tech talks, one-on-ones and code reviews. Instituted and implemented modern best practices such as style guideline/linting and unit testing for new and legacy apps. Assisted the DevOps team with various tasks relating to CI/CD, AWS, etc.

Lead Programmer/Analyst

KGM Direct / Intercom Media, New York, NY   6/2011 - 11/2016

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   9/2006 – 6/2011

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. Wrote custom plugins for several vBulletin forums. 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. Created and maintained automated backup strategies and scripts using Bash and Perl. Strategized, installed and maintained all hardware and software purchases.

EDUCATION

Bachelor's Degree in Computer Science

Transylvania University, Lexington, KY