Chris McCluskey

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FULL STACK DEVELOPER

Skills

Languages	Frameworks	Practices	Operations
▸ JavaScript / Java	▸ Angular.js	▸ Restful APIs	▸ Linux Server Admin
▸ Python	▸ jQuery	▸ Unit testing	▸ Vagrant
▸ PHP	▸ JISON	▸ DRY development	▸ SaltStack
▸ ASP[.net] / C#	▸ Celery	▸ 12-Factor apps	▸ Docker / Fleet
▸ SQL	▸ Scrapy	▸ Git / Hg / SVN	▸ Jenkins CI
▸ HTML	▸ CodeIgniter	▸ Agile / Kanban	

Experience

DIRECTOR OF INTERNAL APPLICATIONS, ETHOLOGY; PORTLAND, OR – 2011-PRESENT

▸ Rebuilt python-based reporting backend and IP-rotating web proxy to include multi-processing and leaky-bucket rate limiting. Refactored later to distribute work over multiple machines.

▸ Built content analysis tool with site crawling / archival, collaborative version controlled CMS, project management, NLP-based content identification and browser automation.

▸ Moved hosted infrastructure to SaltStack configuration management, built cross-platform team orientated development environment to match production using Vagrant and VirtualBox, maintained entire linux production stack for all applications, and moved to Jenkins-based continuous integration workflow.

▸ Supported front end developers with deployment / best practices / general programming questions.

INDEPENDENT CONTRACTOR, DIN.CO; SAN FRANCISCO, CA – 2015-PRESENT

▸ Contributing to PHP / JS maintenance for current production application while company builds replacement. Current production app will be end-of-life once replacement is live.

INDEPENDENT CONTRACTOR, MESH DIGITAL, INC; VENICE, CA – 2014-2015

▸ Developed browser extension "MESH" for Google Chrome which let users block advertisements from undesirable brands / companies. The extension was written in JavaScript and used AngularJS for the user interface.

Experience (continued)

DIRECTOR OF TECHNOLOGY, ENGINEWORKS; PORTLAND, OR – 2005-2011

‣ Hired as first employee, built IT infrastructure, handled all tech support / Linux system administration and internal application development. EngineWorks was acquired by Tallwave in 2011 to become "Ethology".

‣ Built web analytics and tracking suite / customer portal "EngineRoom", maintained on BSD server / LAMP stack.

‣ Wrote search engine scraper with custom IP-rotating proxy and reporting system.

COMPUTER PROGRAMMER, MY LITTLE SALESMAN; PORTLAND, OR – 2004-2005

‣ Contributed code on a small team maintaining an online auctioneering web application "VIHN.net" for heavy equipment buyers.

‣ Refactored back end to close bug that reduced page load from 3-5 minutes to under a second. Helped port classic ASP code from VBScript to ASP.Net / C#.

MANAGER OF TECHNICAL WEB OPERATIONS, MARKETING BY MAIL; EUGENE, OR – 2003-2004

‣ Built HTML and Flash-based WYSIWYG postcard designer web application that interfaced with a digital printing press and accepted credit cards.

‣ Deployed and managed the Linux production environment for the system. Implemented secure firewall, off-site backups, managed mail, and DNS.

WEB APPLICATIONS ENGINEER, NET SOLUTIONS / MODULUS, OR – 2001-2003

‣ Built, deployed and managed web application for Java Server Pages in a Tomcat and Linux environment.

‣ Built CMS system with Custom JavaScript WYSIWYG Editor. Authored FTP client as HTML embedded ActiveX control for large file uploads. Wrote PHP-based PDF generator and web-based calendar / scheduling system.

Interests & Hobbies

In my spare time, I enjoy hacking away at personal software projects or learning more about application security / penetration testing, new programming languages, and frameworks.

Education

Lane Community College, Eugene, OR – AAS Computer Programming, 2004