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CERTIFICATIONS

Certified ScrumMaster – ScrumAlliance.org, Nov 2017
BrainBench Certified PHP 4 Master – Top 2% of test-takers, May 2008
BrainBench Certified PHP 5 Master – Top 8% of test-takers, May 2008

WORK EXPERIENCE

Nov 2015 - Present

Optanix, Inc.

Software Engineer

- Work on 12-person team adding functionality to proprietary MPAAS network monitoring application which monitors world's largest telecoms, call centers, banks, and government institutions.
- Use Eclipse IDE to develop and SNMP, APIs, Perl, Java (Spring framework), PHP (Yii framework), Ruby, BASH / shell, React.js/Redux, and Swagger to setup / manage / execute monitoring of devices.
- Use Scrum process. 2-week sprints, managed with Jira and Confluence.
- Version control: first with Subversion, then Git, using both Forked and Gitflow workflows with BitBucket.
- Creation of multiple .deb packages both manually and using packager.io for deployment
- Employ automated build pipeline using Jenkins/Packager/AWS
- Collaborate with both in-house and off-shore resources.
- Have researched / presented multiple software packages and libraries for database migration (Liquibase) and dynamic graphing (VisJS, HighCharts, JSPlumb, and yCharts) which resulted in corporate purchase.
- Developed multiple, highly visible systems featured in MPAAS platform to monitor/manage clients' software-defined networks and call manager applications.

May 2018 – Present

Franklin.edu

Contracted PHP Developer

- Build features and debug Franklin University software at direction of school administration.
- Built unit / integration testing framework for university's existing software based on PHPUnit
- Overhauled dynamic graphing UI for university software tools.

Oct 2013 - Oct 2015

Skreened.com

Lead Developer / IT Manager

- Hired, fired, and led team of 5 developers to overhaul high-volume, retail, e-commerce t-shirt site.
- Overhauled git implementation on GitHub.
- Homogenized disparate development environments using Ubuntu desktop platform with VirtualBox / Vagrant. Developers used Eclipse or PHPStorm IDEs.
- Employed PHP (CodeIgniter) with some use of Perl, Backbone.js, and Java.
- Regular monitoring and tweaking of performance / stability of web and database servers
- Overhauled internal Java applet for downloading and cataloging printable artwork.
- Requirements gathering with ownership, management, contractors, and staff for variety of projects.
- Implemented switch from in-house printing to outsourced, third-party fulfillment
- Oversaw/implemented various APIs for printing, payment, and advertising
- Implemented process management using Asana, and coordinated with company leadership for a modified Agile/SRUM process

Apr 2013 - Oct 2013

Century Link via TekSystems

PHP Developer

- 2-man team updating internal, company-wide PHP / Oracle program used by hundreds of engineers
- Employed PHPlot to build an automated visual reporting tool for senior management.
- Used TCPDF to enable live PDF generation of pages.
- Installed and configured Subversion version control within Aptana IDE.

Jan 2010 - Apr 2013

US Web Coders, Inc.

Owner / Operator

- Telecommute web/app developer. Managed client hosting and all aspects of LAMP VPS server through CPanel / WHM and SSH. Judicious use of OOP and procedural light-weight code, AJAX, and custom framework. Also used Drupal and WordPress as appropriate. Developed in Adobe Creative Suite.
- **Sites include:**
 - 2 Nautical Maps Sites - Development time: 90 days
 - Completely custom shopping cart with built-in 3rd party drop-ship product management
 - Integration with multiple APIs: UPS, USPS, FedEx, Google Maps, Authorize.net & SkipJack
 - Vehicle Advertising Site - Development time: 90 days
 - Nutrition site - development time : 20 days
 - Custom Jewelry Prototype - Development time: 60 days
 - Project Time Tracking - Development time: 14 days
 - Real Estate Website - Development time: 22 days
 - Trucking Website - Development time: 4 days
 - Interactive "Jeopardy"-style Game - Development time: 21 days
 - Conditional Mail Forwarding Software - Development time: 30 days
 - ZenCart Custom Template Integration - Development time: 20 hours

Jan 2008 - May 2008

Humor Box Entertainment

Telecommute Webmaster

- Overhauled a high-traffic entertainment website: KissThisGuy.com – including ads, templates, and feeds

Apr 2007 - May 2008

TEKSystems / Triumph, LLC

PHP Developer

- Maintained company-owned websites. Began working 40 hours on site. Switched to telecommute.
- Project 1 - Dev time: 2 months. 4-man team built Multiple Listing Service (MLS) for over 130,000 "For Sale By Owner" properties.
- Project 2 - Dev time: 1 month - Solo project redesigning an affiliate program for credit reporting site.
- Project 3 - Dev time: 3 months - Solo project building foreclosure website, including cms, affiliate system, and screen scrapers

Jan 1995 – Jan 2010

Freelance Windows and Mac Consultant

- Developed South Florida client base of 600 customers solely through word-of-mouth referrals.
- Web, database, and graphic design, system integration, repair, upgrades, training, and networking

ADDITIONAL EXPERIENCE

July 03 – Aug 06
Vanishing Species Wildlife, Inc.
Webmaster / Animal Trainer

Oct 99 - May 01
Obvious Networks
Contracted Developer

Dec 95 - July 97
Computer Village
Sales Associate

Mar 01 - Aug 01 & Aug 08
Cipher Systems
Contracted Consultant

Aug 97 - Dec 97
Miami Ad School
Teacher

Dec 93 - Oct 95
Kinko's: The Copy Center
*Computer Consultant /
Copy Consultant*

EDUCATION

1993-1995
University of Miami
Marine Biology Major

RELEVANT SOFTWARE EXPERIENCE

Adobe

Acrobat
Illustrator
In Design
Photoshop
Dreamweaver
Fireworks
Flash
Freehand

Operating Systems

Macintosh OS (6.8 - OS X)
Windows (3.11 thru 10)
Linux (Fedora, CentOS, RedHat,
Debian, Ubuntu)
VirtualBox
Vagrant

Productivity

Asana / Jira
Confluence
Filemaker Pro
Libre Office
Microsoft Office
Open Office

Programming

BitBucket / GitHub / GitLab
C/C++
Objective-C / Cocoa Touch
Eclipse / PHP Storm / XCode
Java
Unit/Integration Testing
Design Patterns, including
Single Page Entry, Factory,
Dependency Injection, MVC

Web

AJAX
Apache / IIS
Aptana, Eclipse, PHPStorm
Amazon AWS
Bash Scripting /SSH
CakePHP, CodeIgniter, Yii
CPanel / WHM, Plesk
Cron
cURL
CSS / CSS3
DNS, FTP, TCP/IP

Flash

GD / ImageMagick
Git / Mercurial / Subversion
Google Maps
HTML 4 / 5
Java
JavaScript / JQuery
Jenkins
MySQL, Oracle, PostGres,
MSSQL, Cassandra
OpenX / OpenAds
OpenSource CMS incl. Drupal,
OSCommerce, PrestaShop,
WordPress, ZenCart
Perl / CGI
PHP 4 – 7
REST APIs
Ruby (limited)
SmartyPHP
SNMP
Swagger
Twitter Bootstrap
Web Services
XML

NON-COMPUTER EXPERIENCE

- Heavy equipment including "bobcat" front-end loaders, back-hoe and farm equipment.
- Standard car mechanics and maintenance
- Previously Florida-licensed exotic animal handler, exhibitor, and transporter for
 - Class I (highly lethal), II (potentially lethal), and III (non-lethal) predators
- SCUBA - NAUI - Open Water I
- Construction including carpentry, drywall, electrical, plumbing, screen installation
- Pianist, Speaker, and Entertainer

Updated 2/13/2018