Corey Watts

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https://github.com/CorWatts

PROFILE

I'm a software engineer in San Francisco looking for a development position that I can be passionate about. I have some experience working as a Linux Systems Administrator, but I prefer to do software engineering work. The majority of my professional experience has been in PHP, however I'd like to transition over to Ruby. I'm looking for a position which I will find challenging and rewarding, where I can grow and learn from other engineers. I enjoy working with others and thrive in a social, collaborative, and creative environment.

EXPERIENCE

Software Engineer, Brightidea, Inc.   October 2013 - Present

Worked as a fullstack engineer on innovation management software. The core application was approximately 2.5 million lines of code, encompassing everything from a BackboneJS & MarionetteJS frontend, a Yii 1.1.* backend, Workman async workers, a SQL Server database, Socket.io, and Redis PubSub. I also occasionally assisted with setup and maintenance of our AWS servers. I led a small, cross-department team as we built a series of complex analytics dashboards on a very short time deadline. We delivered on time, feature complete, with pixel perfect design and impressive performance.

Software Engineer, Landmark Global   October 2012 - July 2013

Was in charge of weekly billing and invoicing for over 100 clients. Completely rearchitected a custom EDI billing system using common design patterns to accept a wide range of EDI bills from vendors. Worked closely with the accounting team to resolve issues with billing and payments. Developed a number of new features for a large PHP web app (500,000 lines of code) involving Javascript and MySQL.

Web Architect, National Discount Merchant Services   June 2011 - October 2012

Developed efficient and secure PHP/MySQL MVC web applications using frameworks like Codeigniter, Yii, and Zend. Maintained several critical LAMP servers, wrote many payment processing api integrations, and customized Wordpress and Joomla CMS systems. Also developed PaidYet, an e-commerce web application to provide merchants with an easy way to accept credit cards. I custom wrote several components of PaidYet including the transaction reporting functionality as well as the One Click Payment functionality using Facebook integration. My name is on a patent for our unique One Click Payment process.

Linux Systems Administrator   November 2009 - May 2011

Installed, maintained, and updated over 60 different Linux and Unix servers. Encountered and solved a wide range of problems by using tools like nmap, vim, grep,

and awk. Worked on network optimization and utilized technologies such as Zabbix, Puppet, and Moodle. Maintained and improved the payroll web application.

EDUCATION
B.S. in Computer Science, Westmont College, Santa Barbara, California (May 2011)

SKILLS

8 years / HTML + CSS	2 years / C++
8 years / MVC Architecture	2 years / Postfix
7 years / PHP5	2 years / BackboneJS + MarionetteJS +
6 years / MySQL + PostgreSQL	UnderscoreJS
6 years / Javascript (including jQuery)	2 years / Workman
5 years / Linux server administration	2 years / SQL Server
5 years / Bash & ZSH	2 years / SASS + Compass + Grunt
5 years / Vim	2 years / Redis + PubSub + Socket.io
5 years / Apache + Nginx	1 year / Ruby on Rails
5 years / security and encryption	1 year / Solr
4 years / Yii 1.1.*	1 year / AWS
4 years / Git & Mercurial	1 year / SVN
3 years / Codeigniter	1 year / Yii 2
3 years / Memcached	1 year / Membase + Couchbase
3 years / RVM + Capistrano + Thin	1 year / Scheme (a dialect of Lisp)
3 years / Redmine	1 year / AIX (Unix)
2 years / Zend	Excellent verbal and written skills

OPEN SOURCE
Net Responsibility Open Source Project
Net Responsibility is an internet accountability program that currently runs on Linux and OS X, with plans to include Windows in the near future. We rewrote the entire application in C++ (it used to be in Ruby) for speed, compatibility, and flexibility reasons. I was involved in coding much of the Javascript functionality in the email reports, server setup and maintenance, and website improvements & bug fixes. My current & ongoing plans are to package this project for installation via Homebrew, as well as to rewrite our web application and API using a modern MVC framework.

Emotional Checkin App

I wrote an online version (https://github.com/CorWatts/emotionalcheckin) of the psychological evaluation scale, The Faster Scale, to help others become more mindful of their emotions. Users log on, report their emotions, and are served analytics and email reports. I wrote it in Yii 2, deployed it using Capistrano, used PostgreSQL, Nginx, and PHP-FPM, and hosted it on my VPS.

If you would like a list of my referrals, please contact me by email (corwatts@gmail.com).