# Jerrol Taylor

# Software Engineer - Web Developer

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## Summary

Professional full-stack web programmer specializing in the development of RESTful APIs, server-side MVC, client-side JavaScript ES6 (mainly VueJS), and the integration of various cloud services . My experience also includes Test Driven Development on an Agile development cycle for building applications that are lightweight, scalable.



## Education

**Portland State University**

Bachelor Of Science in Computer Science

## Experience

**Contract Full-Stack Web Developer at Controlled Efficiencies**

April 2018 - April 2019

Full stack contract web developer responsible for the design and implementation of a custom Childcare Management System. The childcare management system was developed on the LAMP stack, using Laravel MVC framework as the foundation. NodeJS was used for various front-end functionality as well as integration with AWS and Google cloud services.

**Senior Web Application Developer at SiliconMechanics**

December 2015 - December 2017

Senior LAMP stack developer with heavy focused in client-side javascript features. Responsibilities include maintenance and implementation of new features including both admin panel and the public facing shopping cart features. The position requires knowledge full stack development, strong understanding API implementation, and UI development with various JavaScript libraries and frameworks.

**Senior Web Application Developer at Downstream**

November 2014 - December 2015 (12 months)

Full stack(LAMP) developer with a strong emphasis in client-side Javascript. Responsibilities included the design and implementation of features for our proprietary CMS built with the Zend Framework MVC. Applications used to drive content for custom client-side application. Projects require installation and configuration of some flavor of Linux/Unix(typically CentOS or Ubuntu), development via the Zend Framework MVC, Doctrine ORM and AngularJS. Other requirements include shell scripting, cron job management and a working knowledge of the RabbitMQ messenger.

**Contract Web Developer at iSpot.tv, Inc.**

May 2014 - September 2014

Developed marketing tools targeting television and other video media data. I used PhantomJS to scrape specific web pages, calculated statistics on the data and built and interface for examining the data. This project was extremely JavaScript heavy on both server-side and client-side using NodeJS, ExpressMVC and BackboneJS with jQuery and other useful libraries.

**PHP Web Developer at Blinkx**

May 2012 - July 2013 (1 year 3 months)

Design and implementation of various in-house tools as well as public facing applications for companies to promote and market their software across the web. Blinx required us to develop their server-side web applications in Code Ignitor and MySQL. Blinx required an in-depth understanding of the client-side, specifically the Backbone Javascript framework along with HTML and CSS. On the server-side we utilized the Code Ignitor PHP framework with a MySQL relational database.

**Web Application Engineer at Zumiez**

August 2011 - March 2012 (8 months)

Development of new features and maintenance of existing features for Zumiez.com shopping cart.

This position required a thorough knowledge of the LAMP stack along with a heavy emphasis on client-side Javascript, HTML and CSS. Magento is the framework used for Zumiez shopping cart.

**Web Software Engineer - Web Developer at Innovyx**

January 2011 - July 2011 (7 months)

Design and development of an in-house tool with Oracle, PHP and Zend Framework to run on apache or nginx and either linux or windows operating systems. The tool is designed to enable team collaboration during the development cycle of web advertisements used in email or site banners. The client's team manager(s) first custom creates each stage of a development cycle stages which can be used and reused to design web advertisements for marketing campaigns. For each team member, the manager can assign multiple tasks and specify editing privileges to team members separately. To design web ads for mediums like email, text messaging and facebook, I developed a web based UI tool in HTML5, CSS 3 and jQuery creating a template and managing the status of each piece of the template content. And to integrate with existing internal systems we functionality was created utilizing the SOAP protocol for communication.

**Web Software Engineer - Web Developer at Evanta**

May 2010 - December 2010 (8 months)

Developed and maintained features for an internal system to manage leadership events nationwide. The system was originally built on Linux, Apache, MySQL and PHP in the Zend Framework. The system was developed to maintain the status of corporate officers and also to manage events as they are in the planning state. Events typically include up to 200 corporate officers and provide insightful information advantageous to the attendees careers. Due to the high volume of duplicate corporate officer entries, often event organizers had to sift through several records to determine an officers current status. I developed a tool for merging replicate officer records into one record with his current status.

**Freelance/Contract Developer - Watermelon Web Works, Montana Banana, AllStar Directories, Blue Sky Projects**

April 2009 - May 2010 (1 year 2 months)

Designed and developed various projects to run on Linux, Apache or NGINX, ORACLE or MYSQL written PHP utilizing an MVC framework. Projects ranged from simple RFI applications to large scale systems and custom web applications. To document and track development trac SVN was used internally and projects were eventually migrated to git with redmine for documentation.

**Web Application Engineer at Allstar Directories**

January 2008 - April 2009 (1 year 4 months)

Developed and maintained server-side software to serve content and marketing data to multiple school directory sites featuring for profit school. Among 10 domains 2 were used to advertise schools across multiple programs and 8 domains for specific programs for art, engineering, and medical related programs. For marketing to determine the cost effective and profitable source of leads for our clients a system for testing and tracking ads and campaigns became a priority. I developed a module in the existing MVC framework for interacting with Test and Target - a 3rd party content management testing system.

**Web Software Engineer - Web Developer at Hawaiian Beach Rentals**

January 2007 - January 2008 (1 year)

Developed new features and maintained all existing features of the entire public facing site and web based internal tools. The public site and internal system was developed primarily in PHP and MySQL to run on Apache and Linux due to certain dependencies. A booking system was developed for clients to manage listed rental properties, schedule rentals, and manage marketing campaigns for the public facing rental directory.

**Web Software Engineer - Web Developer at Origin 3**

January 2006 - December 2006 (1 year)

Managed an outsourced an in-house team of 7 developers in the design and implementation of various web systems as specified by Origin3 clients. Origin3 develops a wide range of systems ranging in scope from RFI forms, add-ons and modules for existing and pre-built software, to large custom systems. Client web sites were designed to run on a Linux, Apache, MySQL and PHP environment with custom projects developed in either CakePHP or Zend MVC frameworks.

**Web Software Engineer - Web Developer at Driver Careers LLC**

October 2003 - December 2005 (2 years 3 months)

Redesigned existing lead generation software for clients in the truck driver recruiting industry. Developed the public interface of the website along with back-end tools for managing leads and account information. To distribute leads to our clients more efficiently I developed a distribution system that would allow clients to configure his lead flow based on the price of a lead, the quality of a lead and the daily, weekly and monthly lead caps.