

Ryan Wells

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Summary

Web engineer proficient in both front and back end technologies. Experienced in popular languages like Java, PHP and JavaScript. Detailed knowledge of database design and usage, sprint and agile workflows, and MVC design pattern.

Technical Skills

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|--------------------------|--|
| Operating Systems | Windows XP, Windows Vista, Windows, 8, Windows 7, Windows 10, Linux - Arch, Debian, RedHat, BSD - OpenBSD, OSX |
| Technologies | Apache Http, Nginx, Groovy on Grails, Zend Framework |
| Software Tools | Visual Studio, Visual Studio Code, Eclipse, NetBeans, Vim, Sublime Text, Git, Bash |
| Languages | Java, PHP, HTML, CSS, JavaScript |
| Databases | MSSQL, MySQL |

Professional Experience

Ryan Wells Consulting - MM Internet

Contractor (September/2016-March/2017)

BRIEF — My primary responsibility was to create a web-based platform that combined MSP and ERP services. The main page served as both an advertisement of those services and a portal through which customers could sign up or log in to a dashboard. The dashboard consisted of a toolset that allowed the user to access subscribed services such as creating a support ticket or accessing cloud-based data.

- Was given sole responsibility for evaluating and selecting third party MSP software to integrate into the project
- Leveraged the Django framework to implement an MVC patterned website, with editable content via an admin interface
- Styled the site's pages using Bootstrap's grid pattern
- Interacted with marketing and accounting departments to gather requirements and user roles

Environment: *Django, Python, Bootstrap*

Ryan Wells Consulting - Rocket Internet

Contractor (January/2016-May/2016)

BRIEF — My primary responsibility was to provide in-house IT support.. This included maintenance of network data and settings, as well as installation of physical hardware. Troubleshooting was also performed in response to support tickets.

- Created and maintained network floor plans in MS Visio
- Worked in Windows Server to provision workstations with local IP addresses and printer connections
- Allocated and installed MS Office and Adobe CC subscriptions to individual workstations
- Monitored all workstations for viruses and malware using Kaspersky enterprise tools and AnitMalwareBytes
- nstalled physical infrastructure such as monitor mounts, CAT networking cable, power cables, printers and switches

Environment: *MS Visio, MS Server and Windows, MS Office, Adobe, Kaspersky, AntiMalWareBytes, CAT6*

UC Irvine - Dept. of Political Science

Web Developer (January/2012-February/2014)

BRIEF — My primary responsibility was to build a website that would allow graduate students to enter data concerning international legal precedents. The data would then be organized into a database, which the application logic would present to the lead researcher in various specified formats. Duties also included regular meetings with the lead researcher to discuss evolutions of the project, and testing sessions with the graduate staff.

- Set up school server with Apache HTTP and MySQL for continuous deployment and testing
- Implemented an MVC patterned website using the PHP Zend Framework
- Used jQuery's AJAX features to implement partial page loading functionality, for instance changing menu options to correspond with different judges for different countries
- Evaluated the feasibility and time constraints of newly requested features during weekly meetings with the lead researcher

Environment: *Apache HTTP, MySQL, PHP, Zend Framework, MVC, jQuery, AJAX*

Ryan Wells Consulting - MM Internet

Contractor (June/2011-June/2013)

BRIEF — Developed a web-based communications platform supporting supply chain logistics. The site encompassed a client login system that kept track of company details and data queries between companies vertically situated within a particular supply chains. The implementation was carried out according to blueprints provided by a supply chain expert.

- Implemented an MVC patterned website using Groovy on Grails
- Used MySQL for persistence, integrated with Grails via GORM (Groovy Object Relational Mapper)
- Created site layout with the 960 Grid System
- Implemented tree-based data structure in Java for representing companies in a supply chain, enabling lookup and message passing between “parents” and “children”

Environment: *MVC, Java, Groovy on Grails, MySQL, GORM, 960GS*

Ryan Wells Consulting - MM Internet

Contractor (May/2011-July/2011)

BRIEF — Repaired and secured LakewoodChamber.com. The Lakewood Chamber of Commerce's website was hacked, with many of its pages being replaced with spam content. My responsibility was to restore it to its previous, functional state, and make it secure against further attack. This was done by wrapping much of the original PHP code with security minded libraries.

- Augmented existing code with classes from PHP's Zend Framework, securing the application from cross site scripting (XSS) and MySQL injection attacks
- Audited the site's FTP security
- Added new requested calendar and text editing functionality to the site, using the jQuery JavaScript library
- Formed relationship with the Lakewood Chamber of Commerce's president in order to ensure MM Internet's continued service of the account

Environment: *PHP, Zend Framework, XSS, MySQL, FTP, JavaScript, jQuery*

Rayhawk Corporation

Web Intern/Engineer (January/2010-January2011)

BRIEF — As an intern, my responsibilities were to learn the basics of HTML, CSS, and PHP development practices from the experienced staff at Rayhawk. Was given assignments to work on parts of production websites. For example implemented a search feature that customers could use to find medical clinics within a specified radius.

- Spent significant time learning HTML, CSS and PHP
- Developed search functionality based on given query string and distance to target
 - matched search string to regular expression in order to separate city and state
 - used latitude and longitude based calculations, along with city and zip code tables, to determine distance from customer to target
- Applied self-discovered Zend Framework libraries toward the implementation of user registration system for production site

Environment: *HTML, CSS, PHP, Zend Framework*

Apex Energetics

Database Engineer/Tech Support (May/2008-August/2008)

BRIEF — My primary responsibilities at Apex were to provide customer support for proprietary software and to maintain database records. Support was primarily performed via shared desktop sessions in which customers were assisted with the installation and usage of nutritional software. Database maintenance consisted of updating and reformatting marketing data, and ensuring that customer account information was up to date.

- Remotely installed proprietary blood analysis software
- Used MS Excel as a front end for maintaining MS SQL databases containing marketing and customer data

Environment: *MS Excel, MS SQL*

Education

UC Irvine

B.S., Computer Science