John Fontana

# <http://www.websiteandsound.com/contact/>

# Summary of Primary Skills

* Over 10 years experience as Full-Stack Developer
* Primary skills: Back-end: LAMP stack, PHP MVC: Laravel, Symfony, Codeigniter. Front-end: Javascript, JQuery, Angular, HTML5, Bootstrap, responsive CSS/LESS.
* Database: MySQL, MS SQL. Schema design, joins, triggers, stored procedures, views, optimization

# Experience

## Web Applications Engineer | RSI Communications, Inc. | 6/2013 - Present

* Led development of quiz application for Merck Manual Professional and Consumer Editions with multi-language support.
* Developed CMS and reporting applications with detailed usage statistics
* Developed API for integration with vendor's Drupal application
* Key technologies: PHP, MySQL, MVC, Codeigniter, JQuery, JQuery Mobile, Angular, AJAX, Bootstrap, Ubuntu, Apache, LAMP

## Web application developer | Binary tree, inc. | 9/2013 - 7/2016

* Led development of NeedToMeet SaaS application, developing new features in an Agile/Scrum-managed team
* Developed RESTful API, contributing to successful launch of iOS, Android and Outlook apps
* Integrated Braintree Payments API, enabling unified payment gateway and subscription management across all apps and website.
* Integrated and customized CMS, working directly with marketing team and content editors
* Managed servers in AWS, ELB/EC2/RDS infrastructure
* Created and maintained support/admin/reporting applications in Symfony and Laravel
* Key technologies: PHP, MySQL, MVC, REST API, Laravel, Codeigniter, Symfony, JQuery, Angular, AJAX, Bootstrap, CMS, Payment Gateway, Ubuntu, Apache, LAMP, AWS, EC2, RDS, ELB

## Web developer | independent consultant | 6/2009 - 6/2013

* **RSI Communications:** Developed MD-IQ Quiz platform for Frontline, an application syndicated across dozens of medical publication websites, ultimately generating a majority of those sites’ revenues. Managed existing .NET web applications, MS SQL Server DTS exports, migrated ASP.NET application to Codeigniter.
* **VTC Learning:** Authored multi-volume DVD courses on JQuery and PHP5
* **Clockpad**: Worked with remote team as a front-end specialist, creating JQuery UI form-building application.
* Developed diverse PHP and Wordpress sites, custom themes and plugins
* Key technologies: PHP, MySQL, Symfony, JQuery, Bootstrap, Codeigniter, MVC, Wordpress, Joomla, Woo Commerce, VB.NET, C#.NET, MS SQL Server, Data Migration

## Senior Web Developer | C.I.Q., Ltd | 4/2006 - 6/2009

* Led migration of e-commerce website from Cold Fusion to PHP MVC architecture
* Developed applications to manage inventory, vendors, CRM and newsletters
* Managed freelance developers
* Integrated Auth.net Payment Gateway
* Managed hosting environment, performed regular server upgrades and maintenance
* Key technologies: Cold Fusion, PHP, MVC, MySQL, LAMP, Ecommerce, Payment Gateway

## lead Developer | Serious, Inc. | 3/2004 - 4/2006

* Maintained existing PHP/XCart website, implemented new features and redesigns
* Developed API for NFL Fantasy Football products
* Key technologies: PHP/MySQL, XCart, Smarty templates

## Lead developer | Making Ideas Work, Inc. | 3/2002 - 2/2004

* Developed and maintained diverse client websites in an agency environment, leading a team of 3 developers
* Developed Windows desktop software for hedge fund client using C#.NET
* Implemented new workflow and project management procedures, leading to milestone of first project completed before estimated delivery date
* Led adoption of MVC frameworks and source control as standard, effectively eliminating most problematic workflow issues between designers and developers
* Key technologies: Cold Fusion, C#.NET, ORM.NET, MS SQL Server, PHP, MySQL

# Certifications

* Sun Certified Java2 Programmer

# Authored Publications

* VTC Learning: *JQuery*
* VTC Learning: *Real World Programming in PHP5*

# Education

* New Jersey City University, Music Performance

# Current Studies

* Golang, Gorilla Web Toolkit
* React.js , Vue.js
* Node.js, Mongodb (MEAN stack)
* Ruby/Rails
* Algorithms, with focus on time/space efficiency

# Web Portfolio

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