

Josef Concanon Dochterman

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Web Front End Specialist & Full Stack Web Developer - LAMP & Windows

Main Languages

JavaScript, PHP, C#, MySQL, MS SQL, Linux, Java, C++, HTML5, CSS3

Skill With

Coding UI Graphics & Animation

Single Sign On

Unix Command Prompt

Event Driven / Asynchronous

API Integrations

Apache Configuration

Responsive Pages & Email

SOA & REST

Unit Testing

Image Editing GIMP/Photoshop

HTTP & IP Protocols

Research & Document

WordPress

TLS/SSL Certificates

Debugging

Web Development Work Experience

County of Ventura (Contract) - 10/2018 to 9/2019

- Built webapp which integrates with Southern California Edison through OAuth and Energy Services Provider Interface (ESPI) to receive energy usage data as xml files. Built high capacity xml parser to put data into custom built MySQL tables, and built cron scripts to process tables in background. Made customizable reports that may be viewed in website then downloaded as CSV files.
- Configured WordPress sites for Single Sign On with SAML authentication/authorization from Active Directory Federation Services.
- Built an automated website question and answer chatbot using Amazon Web Services. Built ElasticSearch queries, formatted the dataset, and helped student workers perform data management tasks. Built an administration system that allows adding users and assigning permissions to manage categories of data.
- Configured CentOS servers with PHP-FPM to simultaneously run different PHP versions for different sites.
- Installed, configured and customized a Moodle Learning Management System (LMS) for managing the training of county employees. Added a kiosk-like UI so students may quickly mark their own attendance in class. Customized a system to email course completion certificate pdfs to students.
- Took an already existing web UI system for browsing files on an integrated FileNet server, and migrated that UI system from Joomla to WordPress.
- Diagnosed, fixed and improved a service-based animal adoption search system which was

integrated with Chameleon CMS animal shelter software.

- Worked with tech support of an overseas company to debug and fix the implementation of a live video chat system. Tested features and trained staff how to use the system.
- Created certificate signing requests, converted certificate formats with OpenSSL and installed TLS certificates on Linux and Apache servers.
- Helped maintain over 30 WordPress sites using Linux command prompt and wp-cli.
- Diagnosed PHP OPcache issues and worked with Hosting company to help resolve them.
- Customize and configure WordPress events and merchandise WooCommerce shopping system.

PHP, C#, Linux, JavaScript, HTML, CSS

WordPress, Amazon Web Services, Vue.js, ADFS, SAML, SSO, OAuth, TLS certificates, ElasticSearch, WooCommerce, Moodle, Joomla, git, XML, SOAP.

ViSalus Sciences (Contract) - 3/2018 to 6/2018

- Migrated C# site to Wordpress
- Configured wildcard domain names to be served by a single WordPress instance
- Created HTML sanitizer for user content to allow only whitelisted tags and attributes
- Integrated company C# web services with company WordPress site
- Integrated 3rd party services to a JavaScript travel booking widget
- Made front end UI and visuals be responsive and closely match design artwork
- Used Linux console to debug and fix server error with cron jobs and file permissions
- Help upgrade jQuery versions and resolve compatibility issues

C#, PHP, JavaScript, HTML, CSS

.NET, Multisite WordPress, jQuery, Bootstrap, Foundation, RequireJS, Mercurial

KBKG (Contract) - 2/2018

- Fixed service integration with custom CURL configuration for DNS and host name
- Made WordPress plugin to share main menu between sites with a JSON service.
- Created custom menu UI and custom sidebar widget for WordPress
- Fixed site appearance and CSS issues regarding shared content.

PHP, JavaScript, HTML, CSS

WordPress, jQuery

Silgan Containers (Contract) - 10/2017 - 12/2017

- Designed and built a custom Micro-CMS (content management system)
- CMS allows creation of pages with custom urls, page content editing with an embedded HTML editor, pluggable HTML content modules, user management and role based authentication and authorization system, and site search feature
- Micro-CMS also allows CSV file upload, then processes CSV files into HTML which is stored in a file cache for optimization of speed
- Created custom UI controls including modal dialogs and a popup mobile menu
- Created responsive web pages to closely match design artwork

*C#, MS SQL, JavaScript, HTML, CSS
.NET, jQuery*

ViSalus Sciences (Contract) - 7/2017 - 9/2017

- Constructed a WordPress site and integrated it with companion sites using secure single sign on techniques
- Created JSON services in PHP and corresponding clients in JavaScript and C#
- Integrated a PHP site with third-party ecommerce APIs
- Developed JSON services to convey data which was input by staff into WordPress posts
- Created a modular page header component that is shared across WordPress and .NET sites for identical appearance and functionality
- Created responsive front ends in HTML, CSS to closely match design artwork

*C#, PHP, JavaScript, HTML, CSS
.NET, WordPress, jQuery, Mercurial*

iAESL, Inc. (Remote Short Term Contract) - 8/2016 to 3/2017

- Developed & helped design 10 educational games for mobile and desktop using WebGL
- Designed & programmed highly configurable game engine from the ground up which allows game levels to be configured to match educational curriculum
- Designed JavaScript API to expose game scores to integration layer and server-side code
- Programmed view transformations for touchscreen zoom and pan, and an image editor allowing text to be overlaid on images
- Programmed animated spritesheets, physics engine and particle systems for sprites and special effects
- Programmed configurable game audio including speech and music using HTML5

JavaScript, HTML5, CSS3
Pixi.js/WebGL, jQuery

Walt Disney Parks and Resorts Online (Contract) - 11/2015 to 2/2016

- Developed high traffic e-commerce site for ticket sales using service oriented architecture
- Coded PHP mid-layer to call RESTful Java services and respond to HTTP status codes
- Coded Zend MVC to process JSON service responses into responsive HTML/CSS views
- Developed & debugged AngularJS apps with multiple form views on a single page
- Developed & debugged API integration of new website onto existing platform services
- Coded unit tests for controllers and components using PHPUnit
- Worked with multiple teams in Agile continuous integration environment with Jira & Bamboo. Ensured accessibility of site for visually impaired using semantic HTML5 and JavaScript for keyboard navigation

PHP, JavaScript, HTML, CSS
SOA, REST, PHPUnit, AngularJS, Zend, Sass, Git, Perforce, jQuery, JAWS Screen Reader

Disney Consumer Products (Contract) - 7/2015 to 9/2015

- Developed web services to support subscription based educational iPad games
- Designed & developed API for syncing server's published content with client iPad
- Developed scalable cloud based app using Java with NoSQL on Google App Engine
- Designed NoSQL data structures and coded Java and PHP services to return JSON
- Used SOAP and JAX-RS to connect to existing Java services in SOA
- Configured Linux servers to run Java, Tomcat & Spring or PHP, MySQL and Apache

Java, PHP, Unix, MongoDB, MySQL
SOA, SOAP, REST, Tomcat, Spring MVC, Eclipse, JAX-RS, Perforce, Google App Engine

Phelps (Contract) - 1/2015 to 6/2015

- Created marketing landing pages and integrated them with Marketo CRM
- Coded responsive emails for mobile and desktop and verified compatibility using Litmus
- Created Node.js tool for parsing asp files using regular expressions to update codebase
- Transformed Photoshop mockup files into responsive web pages with HTML5/CSS3

JavaScript, HTML5, CSS3
Photoshop, Node.js, Sass, jQuery, Subversion, Marketo, Litmus

Walt Disney Parks and Resorts Online (Contract) - 1/2014 to 7/2014

- Developed high traffic e-commerce site for ticket sales using service oriented architecture
- Improved server performance by utilizing memcache more efficiently
- Coded PHP mid-layer to call RESTful Java services and respond to HTTP status codes
- Coded Zend MVC to process JSON service responses into responsive HTML/CSS views
- Developed & debugged API integration of separate website onto existing platform services
- Coded unit tests for controllers and other components using PHPUnit
- Worked with multiple teams in Agile continuous integration environment with Jira & Bamboo
- Ensured accessibility of site for visually impaired using semantic HTML5 and JavaScript for keyboard navigation

PHP, JavaScript, HTML, CSS

SOA, Zend, PHPUnit, jQuery, Perforce, JAWS screen reader

ActiveVideo (Contract) - 5/2013 to 8/2013

- Developed JS app which aggregated informative web services and played video-on-demand
- Programmed JavaScript for proprietary APIs on television based platform
- Developed JavaScript App that was controlled by a TV remote control
- Ensured pixel to pixel matchup of finished product to design mockups

JavaScript, HTML5, CSS3

Perforce, Git

Age of Learning, Inc. - 8/2012 to 3/2013

- Developed educational children's games for iPad using JS, DOM and CSS for animation
- Created reusable game components and designed their APIs in JavaScript
- Debugged the integration of JavaScript games with PHP/MySQL backend services

JavaScript, PHP, MySQL, HTML5, CSS3

2D Animation Programming, GD server side graphics library, Photoshop

Freelance Web Development - 11/2010 to 7/2012

- Developed websites and email campaigns for small nonprofit and businesses
- Coded API integration with shipping company
- Designed and programmed PHP/MySQL online petition which also gathered lead information

- Performed security assessment and upgrade of PHP site
- Designed and programmed animated photo gallery
- Administered server in shared hosting environment

PHP, MySQL, JavaScript, HTML, CSS, Unix

Wordpress, jQuery, Google Analytics, MODX Revolution, Adobe Business Catalyst

Internet Brands - 9/2009 to 10/2010

- Created automobile query configurator with Java, Spring MVC and Hibernate
- Created Java tool for remotely configuring the logging settings of multiple Tomcat servers
- Developed proprietary content management system with MySQL, PHP and JavaScript
- Created MySQL schema and PHP services to provide data in either JSON or XML format

Java, JavaScript, PHP, MySQL, Oracle SQL, HTML, CSS

Spring MVC, Hibernate, CakePHP, JSON, XML, Eclipse, jQuery, Subversion

Education

AA Liberal Arts Transfer (Graduated with Honors)

Santa Monica College, Santa Monica, CA May 2007

Education Includes

Multivariable calculus, linear algebra, discrete structures & combinatorics, algorithms & data structures in c++, assembly language, Windows programming.

Volunteer Work

Christ Advent Mission

Created large font hymn lyrics books for ministry to elderly people in nursing hospitals.

Union Rescue Mission

Prepared meals and served food at homeless shelter in Skid Row.

Friends of Ballona Wetlands

Guided volunteers in removing invasive plants to restore ecosystem and previous habitat.