

Mark Enriquez

(702) 981-4338

- Dependable, accurate, and highly experienced.
- Deep understanding of modern web technologies.
- Outstanding communication skills.

[email](#)
[github](#)
[personal resume](#)

EXPERIENCE

Advanced Technology Solutions, New Brunswick, NJ

Remote OO Application Architect / Lead PHP7 Dev 2/2019 to 8/2019

[1099 REMOTE IC] Work included OO MVC-based design and PHP7 development of the enterprise webapp "ATSCall" that dynamically and seamlessly integrated up to 512 CDR (call detail records) tables from remote linux Asterisk PBX systems using both MySQL and Microsoft SQL Server databases, using state-of-the-art UX features like Bootstrap 4 datatables, drag-n-drop data mapping, and OAuth 2 user validation.

This consolidated CDR data was then published through a high-performance REST API, built with PHP7 using the same self-engineered rapid application development (RAD) MVC framework used for the CDR integrations.

- Mentored in house developers and led adoption of best practices for development team.
- Identified and troubleshoot issues then documented solutions and QA procedures.
- Provided technical problem resolution for highly complex problems.
- Created reusable object-based components for isolated debugging and RAD.
- Deep Integration with in-house Enterprise Content Management Systems.
- Due to the use of RAD framework and efficient OO principles, the scheduled 20-week project was completed in only 11, saving over 50% in labor costs, and received a commendation for being "the first off-site contractor that completed assigned work under budget and ahead of schedule."

DataVu, Inc / Arrests.org, Daytona Beach, FL

Lead Systems Architect/LAMP Developer 11/2017 to 1/2019

[1099 REMOTE IC] Designed and implemented a mugshot image manipulation system that uses Neural Net-based screen coords to dynamically calculate where to crop the image in order to create an optimal headshot view of the given mugshot. This system replaced 2 overseas workers who were creating headshots manually at a cost saving of 90%, and the accuracy of the mugshot improved from 83% to 99%.

Developed a Laravel/Bootstrap 4 layout of the website to create a "real" responsive mobile experience, quadrupling mobile engagement times and doubling the number of overall mobile users for the site.

MariaDB processing of 35mil+ records, with 25k added every day. Industrial scale screen scraping using BASH scripting with both data (arrest records) and photos (mug shots).

Added geocode data processing to the system in order to create real time crime "heatmaps" that help people be aware of high-crime areas.. Used Google's Location API to encode addresses and get geo-coordinates for later processing. Also, highly optimized regex address parsing improved local db address match ratio from 7% to 62%, thus saving hundreds of dollars monthly on saved Google API hits.

SKILLS

PHP 5/7 [15y]
eCommerce [12y]
Debug / Legacy [12y]
MySQL / MsSQL [18y]
Payment Processing[10y]
OO Programming [20y]
APIs | REST | AJAX [8y]
MVC | Zend | Laravel [8y]
C | C++ [20y]
ECMAScript | JQuery [5y]
WordPress [4y]
Git | SVN [9y]
SEO | SEM [2y]

RefillRx Connect, Orlando, FL

Lead Systems Architect/LAMP Developer

2015 to 2017

[1099 REMOTE IC] Designed and implemented [custom OO MVC architectural framework](#) using active routing and database modeling. Created Facebook and Twitter auto-post "bots" for subscribers using Facebook Graph API and Twitter REST API. Implemented a full Git version tracking solution and trained the owner and staff in its use.

Configured and implemented the popular open-source [Fastlane](#) mobile app build tool-chain to speed app snap-shotting, signing, building and delivering of 100's of [Android and IOS mobile apps](#) to the various stores. Designed and implemented the full API interface for the mobile apps using existing controller and view code.

Designed, and optimized SQL for the custom online Medispan [drug datasheet](#) and [pill identifier](#) databases that were noted by the Medispan engineering group as "the fastest and most user friendly online implementation of our databases we have ever seen."

RedChip Industries, Maitland FL

Senior PHP/LAMP-Stack Developer | Project Manager

2014

[1099 ONSITE IC] Led team effort redeveloping and redesigning **LAMP-stack** Bootstrap 3 based backend for internal use and external web-based rendering. Introduced an **MVC framework** and **jQuery** UX widgets to streamline data entry, user management, and to save over 75% of time needed to transfer internal data to web-based reports.

Created fully configured and operational **CentOS 6.5** web server from basic **Rackspace** Cloud Server package. Installed and configured (Yum-based) **PHP 5.5**, **MySQL**, **SVN**, **nginx**, and other necessary web server components from secure **Putty/SSH** sessions.

Fenci Web Design, Melbourne FL

Senior PHP/LAMP-Stack Developer

2011 to 2014

[W2 ONSITE] Duties include PHP/MySQL/OO development for MLS/RETS national real estate data websites. Aggregated RETS databases for large regional MLS national clients. Optimized SQL for dramatically improved performance. Development of an OO reusable classes saved company over 40% on multiple deployments. Implemented rsync-based scripts for backend server-to-server data transfers that cut labor costs almost 90%.

Created new MLS/RETS framework using MVC principles (samples available). Implemented GIT version control and a development/staging server environment. Led several team debugging efforts fixing real-time Javascript performance issues.

A small sample of projects developed include [Hart-to-Hart Realty](#), [Jack Jeffcoat Realty](#), and [Palm Beach One](#) and [Florida Property Management](#). Many others available upon request.

<> FORTRAN and C on DEC VAX, PDP11, and SUN Workstations.

<> CSE 4001 Operating Systems Concepts.

<> Interactive Computer Graphics.

<> Numerical Systems for

EDUCATION

Florida Institute of Technology, Melbourne, FL

9/1983 to 6/1988

183 of 195 credits to graduate. Studied 32-bit RISC architecture. Wrote microcode simulators. Designed a working computer and implemented a breadboarded IC system.