Brian Raines

4673 Hallmark Drive
Plano, Texas 75024

(214) 707-0983
brian@raines.io

PROFESSIONAL SUMMARY

Results-driven PHP Developer with a unique understanding of the full development lifecycle as well as the experience and judgment to plan and accomplish all objectives under tight deadlines. Demonstrated achiever with exceptional knowledge of architectural design, development and deployment of PHP-based applications. Skilled at learning new concepts quickly, working well under pressure, and communicating ideas clearly and effectively.

TECHNICAL SUMMARY

Extensive experience with PHP and Composer driven applications, SQL, XML, JavaScript, CSS and HTML. Database experience includes PostgreSQL, MySQL, MSSQL, Redis, SQLite, as well as DB2 experience with Oracle and AS400 (iSeries).

DEVELOPMENT TOOLSETS

My history as a developer has allowed me to use many development-driven toolsets; some of the more recent are:

- GIT (Version Control)
- VirtualBox & Vagrant (VM Development Environment)
- Graphite & Grafana (Monitoring)
- Graylog, Logstash, Splunk (Centralized Logging)
- Active Directory & LDAP (User Authentication)
- Hudson, Jenkins & Atlassian Bamboo (Continuous Integration / Automated Deployment)
- Atlassian Service Desk & Jira (Production Support / Project Management)

PROFESSIONAL EXPERIENCE

2018 – Current   **LEAD SOFTWARE DEVELOPER**   *Innovar Solutions – McKinney, TX*

As a lead software developer in an independent contractor capacity, I have been responsible for architecting and developing a new application to function as a suite and migrate in all existing outdated software that the company currently supports. The first application to get reversed engineered was the company's primary product "Ad Copy Wizard". This development task consists of two efforts, a Symfony driven restful API backend, and a Bootstrap with VueJS driven Single-Page-Application (SPA) frontend. The primary role of the application is to pull data from various 3rd party systems, allow the user to make modifications and then send the modified data to other 3rd party systems.

My responsibilities also include mentoring a team of junior developers by helping them design stable solutions, clear technical road-blocks and overcome learning-curve when onboarding them to the use of modern frameworks and technology.

Primary Technology Stack Includes
PHP 7.2, Windows Server, Apache via XAMPP, Symfony 3.4 Framework, MSSQL & Doctrine, Bootstrap & VueJS

2010 – 2018   **APPLICATION ARCHITECT**   *Speed Commerce – Dallas, TX*
Fulfillment Development
Solely responsible for architecting, developing, deploying and maintaining PHP applications to facilitate all order fulfillment and warehouse control systems powering multiple distribution centers across the United States ranging in size up to one million square feet.

The following PHP-driven suite of applications were responsible for supporting many hundreds of users concurrently and deliver a wide array of interfaces including Websites, RESTful API's, Command Line Interfaces (CLI) and Socket Servers. Of the user-interface driven applications the XLIFF interchange format was used to allow localized data to support many different languages such as English, Spanish, Polish, French and Somali.

Order Pick Ticket Processor

This application consisted of a RESTful API, Web Admin and Application Server that heavily utilized message queueing over Redis and PHP Resque to allow an Order Management System (OMS) to deliver orders in real time for fulfillment. This system was responsible for validating, allocating, batching and delivering specifically formatted data-payloads to various Warehouse Management Systems.

Warehouse Control System Administration

This application allowed station leads and floor admins to monitor/manage system volume, track end-user performance and triage order exceptions through an easy to use, responsive-design website. The Warehouse Control System also had an API and Commands application that employs massive message queueing strategies. Responsible for a myriad of back-end tasks, the Commands application was also integrated with various Distribution Center PLC's such as conveyor and sortation systems.

Mobile

Taking advantage of the Motorola RhoElements Development Framework, this application provided a website driven tool-set to end-users via the Motorola wearable computers WT4090 & WT41N0. Through this application, end-users were able to perform tasks such as order picking, triage activities, as well as, many different types of inquiries throughout the distribution center.

Packing

This web application provided multiple packing interfaces such as gift-card-only packing, single-item-single-order bulk packing, single-order packing, and conveyor driven automated packing solutions such as document insertion and auto-bagging. It was a highly customizable and trackable web application that interfaces directly with a Manhattan Associates PkMS warehouse management system and systematically scan verified, weighed, packed, shipped and manifested order guided pick tickets.

iSeries API

This PHP application was deployed to an iSeries mainframe. Its main purpose was to provide an interface for external applications within our enterprise eco-system to access and execute CL/RPG programs within the iSeries environment.

Kiosk

This web application was a "low-level of authority" interface positioned throughout a distribution center to give end-users the ability to quickly perform a wide array of tasks such as triage order exceptions, order container management (bin/tote/carton/truck/gaylord) and inquiry screens against orders, order containers and shipping labels.

Store Fulfillment

This suite of applications consisted of an API, Web Admin, Application Server and Store Fulfillment Website. It allowed a client to use its network of brick-and-mortar Store Front locations as a hive warehouse and fulfill orders based on available inventory, customer proximity and other business rules of allocation. This application allowed a Store Front to self-fulfill orders via direct integration with FedEx, UPS and USPS. Also available was the ability to allow clients to manage "In Store Pick-Up" and "Local Delivery" types of orders. This application was used in many countries such as the United States of America, Mexico, England and Poland. The application was fully equipped to support localization of languages such as English, Spanish and Polish. The localization also accommodates legal requirements of some countries to record and print Fiscal Receipts for each box shipped. Some of the companies that have used this application are Toys R Us, Lowes, Army & Air Force Exchange Services, Spirit and Spencer's Gifts, Mills Fleet Farm and Yankee Candle.

eCommerce Development

Worked with a small group of developers to design and develop a PHP-driven Order Management System (OMS) that was comprised of many applications including administrative websites, custom middle-ware applications, various API's and back-end command line driven applications that used scheduled commands and message queueing across Redis to stay connected and in-sync. This suite of applications was also compliant for integrations with U.S. government agencies such the Navy, Army and Air Force eCommerce exchanges.

Primary Technology Stack Includes

PHP 5/7, Linux, Apache, Symfony Framework, PHP Resque, Redis, PostgreSQL, AS400, Propel & Doctrine, Bootstrap & Foundation

System Integrations

- Dematic Conveyor PLC (Socket Server)
- EuroSort Bomb-bay Sorter (XML Files)
- Accutech Automated Bagger (Socket Server & FTP Flat Files)
- Manhattan Associates PkMS (PHP RESTful Web Services)
- Shipping API's (XML / SOAP Web Services)
- Zebra Thermal Printers (Java Applet)
- Toshiba Fiscal Printers (.Net Web Services)

2008 – 2010   **SENIOR PHP DEVELOPER**   *StoneEagle – Richardson, TX*

Responsible for the following aspects of the software development lifecycle:

- System and Information architecture of PHP driven applications
- Database design, SQL development and stored procedure development within MySQL, MSSQL, and AS400 databases
- PHP 5 development utilizing the CakePHP framework
- PHP integrations development with systems such as .Net Web Services accessed via SOAP and user authentication of Active Directory users via LDAP
- XML development for posting and receiving data to and from 3rd party vendors
- Object Oriented JavaScript development as an extension of the ExtJs Library
- Web Server administration to include server configuration, bash script development and file structure design within the CentOS flavor of Linux

Responsible for designing, developing, implementing, and supporting internal and external web applications including:

- Data comparison and summary reporting
- Business-to-consumer sales tool
- Application usage reporting
- Client administration
- System monitoring tools

2007 – 2008   **SENIOR PHP DEVELOPER**   *Credit Solutions – Richardson, TX*

Managed and oversaw all PHP development for a team of four PHP Developers. Participated in extreme programming to design and develop the company's client portal. Responsible for developing within all aspects of the following development environment:

- MySQL and MSSQL databases utilizing stored procedures
- .Net web services accessed via PHP using SOAP
- MVC driven PHP utilizing the framework CakePHP
- Developed JavaScript to extend the ExtJs Library
- Source control via SubVersion (SVN)

Worked closely with upper management and business analysts to translate business needs into IT solutions by developing internal and external web applications, including:

- Change management system
- After-hours call service system
- Departmental survey system
- Lead-distributing CRM that integrates with a java-based Cisco phone system via web services

2005 – 2007   **SENIOR PHP DEVELOPER**   *New Media Gateway – Dallas, TX*

Managed a team of seven PHP Developers to build custom sales and marketing applications written in PHP utilizing AJAX, XML, Flash, and PDFlib Blocks. Roles and responsibilities included:

- Designed, developed and oversaw the coordination of products throughout their lifecycle
- Co-designed the system and information architecture of the company's core digital marketing product
- Developed and maintained a fully customizable survey system that integrated with a contact management system and was used by clients such as Sprint, Harrah's, and ING
- Developed a system for generating custom microsites with an administrative content management system
- Oversaw quality assurance, application maintenance, and customer support using Mantis Bug Tracker and WebRT (ticket support application)

2002 – 2003   **PARTNER/PHP DEVELOPER**   *Crosswerk, Inc. – New York, NY*

- Managed Crosswerk, Inc. sub-contractors throughout the phases of projects
- Worked with Sales to contact and interact with clients including the creation of visual presentations and written proposals
- Handled administrative duties such as invoicing, time-tracking, sub-contractor organization, client relations, and web development
- Executed the development of websites built by Crosswerk, Inc, including such clients as Rockport, Rockport Kids, PointRoll, GoSmile and US Ergo

2000 – 2002   **DIRECTOR FRONT-END ENGINEERING**   *Oven Digital – New York, NY*

- Managed and worked with a team of six front-end developers
- Assisted Sales Executives with new projects and interactions with potential clients
- Coded HTML, JavaScript driven DHTML, and CSS to integrate front-end pages with dynamic back-end code built in ASP and JSP
- Executed the complete front-end development of websites built by Oven Digital, including such clients as Tiffany, DotLove, WinFirst, Monroe College, eCountries and Consumer Reports

1997 – 2000   **INTRANET SITE COORDINATOR/GRAPHICS SPECIALIST**   *Garden.com – Austin, TX*

- Worked with the managers of each department to coordinate the creation of the Garden.com Intranet
- Helped to develop a maintenance system for the Garden.com Intranet that would allow future updates to be as streamlined and automatic as possible
- Maintained the Garden.com product image server of over 20,000 product images. Responsible for scanning, color correcting, and uploading all product photos. Helped implement a photo library of all Garden.com images

EDUCATION

2008   **B.S., Business Administration**   *University of Texas at Dallas – Richardson, TX*

SUPPLEMENTARY INFORMATION

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