

Joshua Young

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Sr. PHP Developer
Front-End Developer
Database Administrator
Integration

The Future:

Avid Researcher: Technology Is Always Changing, I like to stay on top of things.

I am skilled at analyzing and transforming data to integrate with systems; I would like to find opportunities to Design & Develop New Systems, and/or Maintain Existing Systems using PHP, & Transaction Databases. I would like to continue to be involved in the full stack of web application development.

Systems Integration: LAMP (Linux, Apache, MySQL, PHP), Hardware Setup, Linux Installation, Linux Command Line, Apache Web Server Setup, Continuous Integration.

Programming: OOP Concepts, Common Design Patterns, (Singleton, Registry, Factory) Doctrine, Active Record or Data Mapper ORM's, MVC, Lazy Loading, Unit Testing, Can Comply With Coding & Commenting Practices Set Forth By Your Company, PHP, Symfony, Yii, C/C++, ASP, Visual Basic, Objective C, Javascript, AJAX, jQuery, jQuery UI, AngularJS, ASC X12, EDI.

Data: Can work with any kind of data type and communication protocols: Objects, Muti-Dimensional Arrays, Dictionaries (Associative Arrays), XML, JSON, Document Object Model, CSV, Tab Delimited Files, FTP, HTTP, EDI/ASC X12 as long as given detailed file definition, Web services (SOAP, & REST), MySQL, SQLServer, SQLite, PostgreSQL, and any relational database.

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|------------------------------|--|
| • Data Definition Language | Database Design |
| • Data Manipulation Language | Query, Insert, Update, & Delete Data |
| • Data Control Language | User Privilege Control, Security |
| • Transaction Control | Transactions to Control Data Integrity |

Can create file definition documentation for any file I make available to distribute data from one system to another.

Basic Skills: 40+ WPM Typing Speed, Microsoft Office, Adobe Creative Suite, HTML, CSS, Git and other Version Controls, Can Work With Any IDE, Team Player, Good Communication Skills.

Anything Else: Can I Solve Any Problem That Exist On Earth? Sure Why Not!

Sept 2015 – Current:

Lanista Concepts Inc

- Worked to help redesign and develop new Vendor Management System, and Performed Existing System Maintenance.
- PHP, Symfony2, Composer, OOP, Doctrine ORM, PSR2 Coding Practices, Linux, Apache, MySQL, Git
- Bootstrap, AngularJS, jQuery, jQuery UI Widget Design, JavaScript, AJAX, CSS.
- System Design, Wireframing, Database Design, Task Management.

Cummins Southern Plains

- Worked to finish existing application, used to coordinate training to technicians for classes and courses offered by Cummins a manufacturer of diesel engines and power generation solutions.
- PHP, Apache, CentOS, MySQL, Linux Command Line, Single Sign-on, SSH, jQuery, jQuery UI, jQuery Plug-in Development, JSON, AJAX, CSS.
- Report Redesign: Implementation of Pagination, Filtering, and Multi Column Sorting. Maintenance of scheduling tools and implementation of calendar filtering for existing use of FullCalendar JS tool.

Dec 2012 – Dec 31st, 2013:

Perpetual Excellence Inc

- Design & Development: of software to support the Home Health Industry inclusive of Electronic Medical Records, Electronic Signatures, Task Tracking, Visit Scheduling, Billing & Claims, Client Administration, HIPPA Compliant Messaging System, Reporting(Pagination, Filtering, Sorting, Grouping...), File Exports(Physicians Orders, State Patient Assessment Summary), Continuous Integration, User Management, User Authentication/Login, Database Powered Access Control (Roles & Privileges), Form Design(Create, Read, Update, Delete), Single Form Complex Relationships(One-to-Many, One-to-One, Many-to-One/Dropdowns, & Many-to-Many).
- Business Analyst: Customer Research / Requirements Gathering, CMS Requirements Integration/Compliance.
- Development Practices:
 - M: MySQL, PDO, Yii CModal/ORM Tool
 - V: Smarty, HTML, CSS, Javascript, JQuery, DOM, AJAX
 - C: PHP 5, Yii Framework
- Data Mapping / Outbound, Inbound File Generation, Including ASC X12 5010 and Fixed Width Formats per customer or third party specs.
- Server Configuration and Setup of framework & development files.
- Git & Mercurial Repository's
- Integration with Wkpdf for generation of PDF files from html.

- Integration of pdftk server, & forge_fdf used to prefill data in form fields of existing pdf forms
- Smarty Integration with Yii Framework
- Yii Framework Code Generator Modification to streamline repetitious development task.
- .htaccess configuration of User Friendly URL's.
- LAMP, CentOS, SSH, Terminal
- Local Development Tools:
 - XAMPP – Apache, PHP, MySQL on Windows, Virtual host configuration, have also used CentOS on VirtualBox, Configured with PHP & MySQL.
 - Aptana IDE, Notepad++
 - MySQL Workbench, PhpMyAdmin
 - All Time Favorite: Firebug & Firefox

November 15th, 2012: **Zend Certified Engineer – PHP 5.3**

- <http://www.zend.com/en/yellow-pages/ZEND021342>

October, November 2012: **Studied for Zend Exam to Freshen Up My PHP Skills**

Incorporated July 2011: **Beechtree Technology Inc**

- Developed iPhone Game Turtle Drop
 - Integrated With Game Center
- Learned Objective C, & Cocos2d Framework
 - Lynda.com, Books, Online Tutorials, Apple API Documentation.

Mar 2008 –Oct 2011: **Academic HealthPlans**

- Academic HealthPlans was a fast paced work environment in which many of their needs had changed as the company grew and improved their business.
- Assisted Secure Portal Development for University Administrators That Worked Closely with the Company using the following:
 - M: SQL Server, Transactions, DML SQL Statements
 - V: Smarty, HTML, CSS, Javascript, JQuery, YUI, DOM, AJAX
 - C: PHP 5, PHP 4, Input Filtering, Output Escaping
- Secure Portal Development for Company's Third Party Administrators using the following:
 - M: SQL Server, Transactions, DML SQL Statements
 - V: Smarty, HTML, CSS, Javascript, JQuery, YUI, DOM, AJAX
 - C: PHP 5, PHP 4, Input Filtering, Output Escaping, Session Management, User Privilege & Authentication

- Various Pages & Pieces of Code Reverse Engineered from Classic ASP and Re-Engineered to PHP 5.
- Database Maintenance:
 - Creation, & Maintenance of DTS Package, & SQLServer 2000 Scheduled Jobs.
 - Design of Advanced Views, Stored Procedures, Table Relationships & Query's - Sometimes custom generated from PHP.
 - Design & Development of Web Forms consisting of SQL Transactions, Record Retrieval, Inserts, & Updates.
- Automated File Processing
 - During the time I worked at this company most of our file imports and exports were automated and monitored using Hudson (<http://hudson-ci.org/>), PHP was used to create file processing scripts to handle different files, and transform, validate their data, for import into their database. I was partially evolved with developing these processes.
 - Re-engineered an Advanced Excel Macro to help prepare data and submit it to temporary storage in the system for further PHP processing and data matching. The data was submitted from an excel spread sheet to the server via an HTTP Request sent from the macro VBA code. Added easy access to the macros from the Ribbon in Excel to validate this type of file.
- Individual Websites Provided To University's
 - New Websites were posted each year for each of the company's clients many of which I posted using PHP, DDL SQL, & FTP to upload documents available from the website.
- Worked With All Departments of the Company to Help Support their IT Needs, A small Amount of End User Support.

2006 – 2008:

CBCInnovis

- Daily Processing – Manual File Imports & Data Processing, Worked directly with Production Servers: SQLServer, DTS Packages, Unix Terminal, Office 2003 VBA, Advanced Macros, FTP, Server Process Monitoring, & Month End Financial Reporting, Wrote Detailed Documentation of Processing of Files Going In & Out of the System. Trained my replacement before leaving this company. This Company's File Processing was not completely automated, instead each process had to be performed on a strict schedule by a human operator, in many cases myself. If something was not performed exactly as planned I was required to solve advanced problems to correct incorrect data or rerun processes. Just in case a technical person is reviewing this resume I know this is not how things should be done, see next company.
- Provided Technical Support to Other departments of the Company

