Joshua Young

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Sr. PHP/LAMP Developer
Database Administrator
Continuous Integration
Front-End Developer

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 new opportunities to Design & Development New Systems, and/or Maintain Existing Systems.

Continue to develop Web Applications using PHP, Transaction Biased Relational Databases, & Front End User Interfaces.

Current Qualifications:

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

Programming: Subversion & Git Code Sharing, OOP Concepts, Design Patterns, Singleton, Registry, Active Record, MVC, Lazy Loading, Unit Testing, Comply With Coding & Commenting Practices Set Forth By Your Company, Smarty, PHP (mysqli or pdo), C/C++, ASP, Visual Basic, Objective C, Javascript, AJAX, ASC X12, EDI.

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

- 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, IDE can be anything: (Xcode, Eclipse, NetBeans, Aptena, Notepad++, Visual Studio, Dreamweaver), Team Player, Good Communication Skills.

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

Sept 2014 – Jan 2015: **Cummins Southern Plains**

- Development of improvements, additional features, and maintenance for existing application used to provide training coordination to technicians and administrators for classes and courses offered by Cummins a manufacturer of diesel engines and power generation solutions.
- Report Improvements: Pagination, Advanced AJAX Driven Excel Style Column Filtering
- Form Design and AJAX provided integration with existing application.
- Scheduling Calendar redesign with advanced filtering of scheduled trainers and courses.
- Global Map redesign to help technicians find classes and courses at various locations.
- Advanced jQuery, jQuery UI, jQuery Plug-in Development for easy reuse across application, Javascript, JSON, AJAX, and CSS.
- MySQL, data structure redesign, normalization, data repair.
- PHP, SSO, Apache, CentOS, PhpMyAdmin, SSH.
- Dreamweaver, Firefox & Firebug, Chrome, IE, Notepad++.

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 Maintance:

- - o Creation, & Maintance of DTS Package, & SQLServer 2000 Scheduled Jobs.
    - o Design of Advanced Views, Stored Procedures, Table Relationships & Query's - Sometimes custom generated from PHP.
    - o Design & Development of Web Forms consisting of SQL Transactions, Record Retrieval, Inserts, & Updates.
  - Continuous Integration
    - o 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 these developing these processes. I could set up a continuous integration solution.
    - o 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 form 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
    - o 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 – Which was Continuous Integration, 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 Continuous Integration 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
- Worked with Unix Screens and .net Portals for Data Entry

- I started out scanning documents & performing batch transformations on images returned from contractors to import them into the companies database.

2005 – 2006: ○ **Contract Work: 2005 - 2006**

- Designed Logo & HTML Email Template For Nations Contracting Inc.
- Designed lighthouseintercessors.com and CMS Portal with PHP, MySQL, CSS, HTML, Javascript, & Flash ActionScript. *The needs of this website and the author have changed over the years therefore it **has been redesigned &redeveloped by another company from the original work I completed.***

2004 – 2006: ○ **H2O Store**

- Designed Website Using Photoshop, Fireworks, HTML, CSS, PHP, & MySQL
- Developed Product Management Portal Using PHP & MySQL

2005 – 2010: ○ **Tarrant County College**

Application and Web Development (A.A.S.) - 3.6 GPA, 55 Credit Hours, Incomplete

- Have completed the following IT Courses:
- ITSY-1400 20602   Fund of Information Security
- ITSW-1407 21298   Introduction to Database
- ITSE-2409 20650   Database Programming
- COSC-1436 20492   Programming Fundamentals I
- ITSE-2405 20565   Windows Prog (Visual Basic)
- ITSE-1411 20615   Web Page Programming
- ITSE-2402 20640   Intermediate Web Page Progr
- INEW-2434 20470   Advanced Web Page Programming
- BCIS-1405 20378   Business Computer Applications
- ITSC-1405 20588   Intro to PC Operating System

2004: ○ **Eagle Scout – 2004**

1986: ○ **I was born**