

SUMMARY

Senior PHP developer with professional experience designing and implementing web based applications. Extensive Software Development Life Cycle experience. Experienced in hands-on technical design, implementation, performance tuning and troubleshooting. Excellent analytic and problem solving skills.

SKILLS

- Over 10 years experience in multi-tier architecture and full life-cycle software management and development.
- Experience with developing enterprise e-Commerce projects using Scrum/Agile methodology.
- Comprehensive knowledge of web applications and development technologies
- Experienced on Linux or other Unix-like OS, familiar with shell commands and scripting.
- Databases: Relational database design. Working experience with MySQL, PostgreSQL. Training with Oracle. Knowledge of MSSQL, MongoDB
- Languages: PHP, Java, Cold Fusion, ASP, JavaScript
- Frameworks: Zend Framework, Symfony2, CodeIgniter
- Testing: PHPUnit, SimpleTest and Selenium2
- Other skills: OOP Design Patterns, Bash, Version Control (CVS, Git, SVN, PVCS), Test driven development, XML (RSS, XSD, XPath), Eclipse IDE, Vim, XDebug, XHProf. Developing with Linux, Mac and Windows.
- Front-end expertise: HTML5, CSS3, DOM, jQuery.
- Open Source CMS/Shopping Cart: Drupal7, Joomla, Zen Cart.
- Server and Hosting: Acquia and Amazon EC2 experience.

PROFESSIONAL EXPERIENCE

01/2014 - present

Institute for Integrative Nutrition (Education)**Senior PHP/Drupal Developer**

- As Drupal7 module developer on IINLC team, developed *Learning Center* system backend to deliver course content to students worldwide.
- Build distributed system base on Drupal's Services module with REST web APIs support, allowing front end Apps to consume data through web services.
- Module integration with Memcached, Apache Solr, Akamai CDN and Zendesk etc.
- Integration of Mandrill transactional mail API into *Learning Center*, sending web, email and push notifications to students.
- Worked on different Drupal and customized cache solutions to improve the performance of application.
- Created scheduled process that parses Apache and Drupal logs on the fly. Built report system that monitoring site performance and data integrity, sending notifications to project owner by email.
- Amazon EC2 and Acquia web host experience. Server LAMP environment setup, code deployment.
- Development tools and methods used in work: Github (version control), Jenkins (deployment), New Relic (performance monitoring) , SimpleTest (unit and functional test), Acquia (Drupal hosting service), Drupal modules (services, webform, field_collection, features, elysia_cron, xhprof, etc), Drush, Scrum methodology.

04/2013 - 01/2014

FashionGPS (B2B software)**Senior LAMP Developer**

- Architected and implemented [FashionGPS Radar](#)/Styles integration project used for [fashion industry clients](#) including Gucci, KCD, DKNY. Load Balanced high volume site built with lightweight PHP framework CodeIgniter2 using jQuery, Bootstrap, MySQL, implemented with template and object caching.
- Newly developed B2B application [Styles](#) on top of Symfony2.2 to support clients managing their images. Multiple images uploading with drag and drop with remote image server storage. Intensive development on JavaScript with jQuery.
- Developed Styles Image Reporting module for client to review and export their product images. As part of large Symfony project, the Image Report module uses Composer to manage its dependencies, i.e PHPExcel, BundleTools, RadarSync, MVC model test with PHPUnit.

- Developed and maintained social media presence and interact on Facebook, Twitter, and LinkedIn. Support direct comments and images posting on user's social media sites using third party API. Added LinkedIn and FaceBook login to Radar site with OAuth API.
- Created RESTful API to export data for clients and [Radar iPhone App](#). Project developed and tested with Postman Client.
- Optimized performance on both application backend and frontend. Applying various methods to help reduce the server side response time including index adjustment, data caching, minify CSS and JavaScript files. Research and tuned jQuery for better processing time when dealing with DOM objects.
- Using JIRA issue tracking system, projects managed and developed with Continuous Integration practice. Work in multi-developer environment of rapid commits to GitHub.
- Supporting FashionGPS sales team to archive the goals. Helping junior developers on projects, provide instruction and code review.
- Experience configuring LAMP, MAMP and WAMP servers as well as managing entire networks of LAMP machines. Worked closely together with the IT Network Engineer to assist and coordinate the expansion of our site, including servers, website and database.

04/2007 – 03/2013 **Yamaha Music Interactive (e-Commerce)**

Web Application Developer

- Developing the company's primary e-commerce site using OOP PHP5 / PostgreSQL8 - <http://www.yamahamusicsoft.com/> with 70K unique visits per month, 500K registered users.
- Build scalable web architecture to support Yamaha's digital music products sales using Functions include Sphinx based searching, Memcached based object caching, template caching, scheduling.
- Create MVC framework with ORM, localization, EAV, i18n and OFS support. Implemented with variety of design patterns, i.e Factory, Singleton, Observer, Decorator and Data Mapper etc. Perform unit and integration test on all modules.
- Architected and developed the digital product distribution system, process and delivery products to different platforms, with supporting of XML, CSV file uploading format.
- Implement site backend functionalities, includes CMS with ACL controls, reports, product management etc.
- In charge of maintaining over 100,000 music products in 14 categories. Handles large amount of data on servers. Coordinate with suppliers in Europe and Japan, deliver the products by request.
- Worked on different projects from other Yamaha music service sites:
 - * <http://services.music.yamaha.com/> Online Services, PHP5, PostgreSQL
 - * <http://notestarapp.com/en/tour> PHP5, jQuery Mobile
- Manage the site releasing. Working with quality assurance team on QA/Staging build, bug reporting (Mantis). Responsible for creating release plan and sending release notes.
- Designed and implemented the "Data Access Object" in integration tier for encapsulation of Database access and better DBMS portability
- Working with system administrator on tasks like project deployment, network configuration, error and exception log review, monitoring the server performance.
- Helping junior developers on projects, provide instruction and code review.

04/2002 – 04/2007 **New York Habitat Inc. (Real Estate)**

PHP (LAMP Stack) Developer

- Architect, design and implement Company's information system with PHP4/5 and MySQL4/5. Providing services for realtor agents to work across different countries.
- Developed company's website that manages 1500 apartments online and 140,000 visitors per month. Site release manager: <http://nyhabitat.com>
- Analysis and design new Request Process System with HTML template. Maintaining the 100,000 registered client database.
- Designed and developed Intranet Apartment Management System according to the business specification. Handles about 12,000 apartments from different cities. Services include searching, mapping, photos, web synchronizing, etc.

- Performed daily content integration, maintenance, created automation tools, customer support/technical support.
- SEO integration projects: includes apartment specific meta and semantic tags, site maps, RSS/XML XLAT/XLS feeds, site spider and submission, PHP/XML automated submission tools.

05/2001 - 04/2002 **Bigfoot Communications, LLC (Internet messaging)**

Junior ASP Developer

- Use ASP and MS SQL Sever 7. Create SOAP module. Create database schema. Write stored procedures, create system logs.
- Service Bill Project: Create DLLs connection to CyberCash register
- New Member Join Project: ISAPI application. Modify DLLs for new members join.
- Customer Service Project: Customer management system. Create stored procedures for scheduled tasks and statistic. Add more functionality to customer service support.

06/2000 - 05/2001 **Scholastic Internet Group (Publication)**

Intern developer

- Build teacher's account integration, authentic teacher account against central database.
- Maintained the *Teacher's homepage builder* site created with Cold Fusion.

EDUCATION

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| - 05/2001 | M.S. in Computer Info. System | BERNARD M. BARUCH COLLEGE, CUNY |
| - 06/1999 | M.S. in Petroleum Engineering | UNIVERSITY OF ALASKA |
| - 06/1993 | B.A. in Mechanical Engineering | PETROLEUM UNIVERSITY, DONGYING |