

Matthew G. Turland

OBJECTIVE

To apply and expand my knowledge and skills by working in a challenging cooperative environment on a variety of enterprise-level software applications.

SKILLS

Languages: PHP, Java, JavaScript, Python

Mobile Platforms: Android

Frameworks: Zend Framework, CodeIgniter, Solar, Jersey

Libraries: jQuery, ExtJS, YUI

Content Management Platforms: WordPress, Drupal, Digitalus

Databases: MySQL, Oracle, SQLite, PostgreSQL, SQL Server

Operating Systems: Linux, Windows, MacOS, Solaris

Version Control Software: Git, Subversion, Mercurial

WORK EXPERIENCE

Synacor, Inc.

04/2010 – Present: Senior Engineer

- ◆ Contributed to an internal Solar-inspired PHP framework for use in multiple internal projects including transitions toward PHP 5.3 adoption
- ◆ Authored documentation and training materials for new hires related to use of the framework
- ◆ Participated in initial construction of a new targeted advertising product based on the Jersey Java REST framework, the ExtJS JavaScript library, MySQL 5, and RabbitMQ

K-fx²

02/2010 – 04/2010: Developer

- ◆ Participated in the development of a content management system based on Digitalus
- ◆ Contributed to benchmarking and performance improvement of a Zend Framework-based project for Blue Cross/Blue Shield
- ◆ Advised on development best practices and processes including version control, requirements gathering, and deployment

Marco Tabini and Associates, Inc.

01/2009 – 01/2010: Technical Editor

- ◆ Reviewed articles submitted to be published in php|architect Magazine for content accuracy, spelling, and grammar and collaborated with authors to apply corrections where necessary

Blue Parabola, LLC

11/2008 – 02/2010: Senior Consultant

- ◆ Performed project audits for clients including evaluation of design and implementation of PHP source code, MySQL database schemas, unit tests, documentation, and adherence to coding standards
- ◆ Served as an instructor for online training courses covering RIA development with PHP and YUI, Zend Framework, and Magento
- ◆ Developed a variety of data analysis solutions to assist in the migration of existing static web sites to content management systems including WordPress and Drupal

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surgiSYS, LLC

02/2008 – 11/2008: Lead Programmer

- ◆ Maintained a legacy codebase for a LAMP-based application used to maintain and report on patient and study data from vascular surgery practices for accreditation and quality assurance purposes
- ◆ Developed a Zend Framework-based application rewrite to enhance application maintainability, stability, security, and expandability

Zend Technologies, Ltd.

09/2007 – 12/2007: Consultant

- ◆ Worked with a team to maintain the LAMP-based Zend Developer Zone web site using the Zend Framework and Prototype and Scriptaculous JavaScript libraries

METHODS Technology Solutions, Inc.

08/2006 – 02/2008: Programmer

- ◆ Developed PL/SQL-based intranet applications deployed on Oracle Application Server for internal use
- ◆ Worked as a consultant with the Louisiana Department of Natural Resources in maintaining and expanding a data management and reporting system based on Oracle Forms and Reports, PL/SQL data cartridges, and Java servlets

Acadiana Educational Endowment, Inc.

08/2005 – 08/2006: Webmaster

- ◆ Developed LAMP-based web applications for a non-profit online bookstore and a local events calendar
- ◆ Developed and maintained PHP and Perl CLI scripts to automate various tasks involving data integration, data archival and backup, and database maintenance
- ◆ Performed various system and server administration duties

Firefly Digital, Inc.

03/2002 – 08/2005: Software Architect

- ◆ Worked as a team member to develop a flagship LAMP-based CMS product
- ◆ Customized existing CMS applications and authored new custom applications to client specifications including applications utilizing Flash, AJAX, and remote web services
- ◆ Collaborated with analysts to develop specifications and perform quality control

EDUCATION AND PROFESSIONAL DEVELOPMENT

05/2011: php|tek 2011, Speaker

03/2011: Confoo 2011, Speaker

05/2010: php|tek 2010, Speaker

09/2009: CodeWorks 2009, Staff

05/2009: php|tek 2009, Attendee, Hackathon Organizer

11/2008: php|works / PyWorks 2008, Attendee

09/2008: Zend PHP Conference and Expo 2008, Speaker

09/2008: Zend Framework Zend Certified Engineer, Registration #227153802

05/2008: php|tek 2008, Attendee

10/2007: PHP 5 Zend Certified Engineer, Registration #222726164

10/2007: Zend PHP Conference and Expo 2007, Attendee

12/2006: BS in Computer Science, Concentration in Video Game Development, University of Lafayette

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PUBLICATIONS AND PRESENTATIONS

04/2012: UB Hackathon. Presentation: "Introduction to Android Development."
04/2012: UB Hackathon. Presentation: "Getting Involved in Open Source."
12/2011: NOLA PHP. Presentation: "Accessing Web Resources in PHP."
10/2011: SitePoint. Book: "PHP Master: Write Cutting-Edge Code." ISBN 978-0-9870908-7-4.
06/2011: Buffalo GTUG. Presentation: "Introduction to Android Development."
05/2011: php|tek 2011. Session: "Accessing Web Resources with PHP."
05/2011: php|tek 2011. Session: "Creating Desktop Applications with Titanium and PHP."
05/2011: php|tek 2011. Unconference Session: "Introduction to Android Development."
04/2011: php|architect Magazine. Article: "Keeping Code Smelling Pretty with PHP_CodeSniffer."
03/2011: Confoo 2011. Session: "Building RESTful Web Services with Jersey."
02/2011: Zend Webinar. Presentation: "New SPL Features in PHP 5.3."
01/2011: php|architect Magazine. Article: "New SPL Features in PHP 5.3."
01/2011: Acadiana Open Source Group. Presentation: "Getting Involved in Open Source."
12/2010: Buffalo PHP User Group. Presentation: "New SPL Features in PHP 5.3."
05/2010: php|tek 2010. Session: "New SPL Features in PHP 5.3."
04/2010: php|architect Press. Book: "php|architect's Guide to Web Scraping with PHP." ISBN 9780981034515.
03/2010: oddWeek. Podcast: "Episode 5 – Phergie." Podcast.
06/2009: CodeWorks Webcast Series. Presentation: "New SPL Features in PHP 5.3."
06/2009: php|architect Magazine. Article: "Shining a Light on Solar."
06/2009: php|architect Magazine. Article: "CodeIgniter: Like a Moth to a Flame."
05/2009: php|tek 2009. Unconference Session: "Web Scraping with PHP."
02/2009: php|tek Webcast Series. Presentation: "When RSS Fails: Web Scraping with HTTP."
01/2009: php|architect Magazine. Article: "New Cert on the Block."
11/2008: Atlanta Web Designers Group. Presentation: "PHP Basics for Designers."
09/2008: Zend PHP Conference and Exposium 2008. Session: "Creating Web Services with Zend Framework."
09/2008: Zend PHP Conference and Exposium 2008. Unconference: "Web Scraping with PHP."
04/2008: Acadiana Open Source Group. Presentation: "Getting Involved in Open Source."
12/2007: php|architect Magazine. Article: "Web Scraping."

ACTIVITIES

[Acadiana Open Source Group](#)

Organizer, 04/2008 – Present

[Phergie Project](#)

Lead Developer, 02/2008 – Present

[Zend Framework Project](#)

Contributor, 08/2006 – 04/2010

[Baton Rouge Oracle User Group](#)

Member, 02/2007 – 02/2008

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COURSEWORK

- ◆ Software Methodology
- ◆ Technical Writing
- ◆ Database Management Systems
- ◆ Programming Languages
- ◆ Operating Systems
- ◆ Artificial Intelligence
- ◆ Theory of Computation
- ◆ Computer Architecture

HONORS

- ◆ UL Lafayette Distinguished Freshman Scholarship
- ◆ Regent Scholar Award
- ◆ Membership in Alpha Lambda Delta Honors Society
- ◆ Acceptance to UL Honors Program

REFERENCES

D. Keith Casey, Jr.
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Project Lead, Zend Framework Team / ATG
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