

# Matthew G. Turland

## OBJECTIVE

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

## SKILLS

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**Languages:** PHP, JavaScript, Java, Python, Flash ActionScript

**Frameworks:** Zend Framework, CodeIgniter, Symfony, Solar

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

**Web Servers:** Apache, IIS

**Operating Systems:** Linux, Windows, MacOS, Solaris

**Version Control Software:** Subversion, Git, CVS, Bazaar

## WORK EXPERIENCE

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### 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

### K-fx<sup>2</sup>

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**

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### **Zend Technologies, Ltd.**

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

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

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

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

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## Marco Tabini and Associates

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  
05/2008: php|tek 2008, Attendee

## University of Louisiana at Lafayette

08/2000 – 12/2006: Bachelor of Science in Computer Science, Concentration in Video Game Development

## PUBLICATIONS AND PRESENTATIONS

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### php|tek 2009

02/2009: “When RSS Fails: Web Scraping with HTTP” - Webcast Presentation

### Zend PHP Conference and Expo 2008

09/2008: “Creating Web Services with Zend Framework” - Session Presentation  
09/2008: “Web Scraping with PHP” - Unconference Presentation

### php|architect Magazine

01/2009: “New Cert on the Block” - Volume VIII, Issue 1  
12/2007: “Web Scraping” - Volume VI, Issue 12

### Zend Developer Zone PHP Abstract Podcast

10/2007: “Web Scraping” - Episode 22

## ACTIVITIES

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### [Zend Framework Project](#)

Contributor, 08/2006 – Present

### [Acadiana Open Source Group](#)

Organizer, 04/2008 – Present

### [Phergie Project](#)

Lead Developer, 02/2008 – Present

### [Baton Rouge Oracle User Group](#)

Member, 02/2007 – 02/2008

## COURSEWORK

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

# Matthew G. Turland

## HONORS

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

## REFERENCES

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