

Michael Kimsal

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PROFESSIONAL PROFILE

Senior-level IT professional with 11 years in the industry with experience in the areas of:

- reducing business operation costs through use of web technologies
- open source technologies (licensing, adoption, integration)
- social media technologies, integration and adoption
- project management
- developer mentoring

Dedicated leader with a passion for streamlining business operations through automating business processes.

TECHNICAL SUMMARY

Languages & technologies	PHP, Groovy, Grails, Java, Javascript, YUI, SOLR, mod_perl, C#, XML, XSLT, Perl, XSLFO, SQL, Flex/Flash remoting (Red5/Flash Media Server) shell scripting (bash), JSP, ASP, ColdFusion, HTML, XHTML, ASP.NET, CSS (style sheets), SOAP, XML-RPC, AJAX
Methodologies	OOP (Object Oriented Programming) OOA (Object Oriented Analysis and Design), elements of Extreme Programming and Agile development, test driven development (TDD)
RDBMS	MySQL, MS SQL Server, Postgresql, Oracle
Operating Systems	Linux, Solaris, Windows NT, Windows 2000
Services, Tools, Other	Netbeans, CVS, Ant, unit testing (phpunit/junit), phpdoc, Visual Studio .NET, MS Office/Project, ArgoUML, Gforge, Apache, Canoo webtest, AJAX, Zend Studio, phpmyadmin, mysqlcc, Section 508(c) compliance, sugarCRM, SSL certs, RT, credit card processing gateway experience (verisign, paypal, authorize.net)

PROFESSIONAL EXPERIENCE

Michael Kimsal - Youngsville, NC

2008 – present

Owner/self

Recent projects include

- DirectorsAdvantage.com – consulting on internet technologies for funeral webcasting (PHP)
- GroovyMag.com – monthly PDF publication (PHP/Groovy/Grails)
- University of North Carolina - Distance learning registration app for K-12 students (PHP)
- Horizon-Research.com – consulting/training on OO design and application structure (PHP)
- WiredTriangle.com - enhance Flex application - error handling, new functionality (PHP/Flex)
- GrailsKit - starter kit for Grails projects <http://code.google.com/p/grailskit/> (Grails/Groovy)
- Flash/Flex audio and video applications - <http://audiblab.com> (Flash/Flex/PHP)
- GrailsCrowd.com – initial project design and current host (Tomcat/Grails/Groovy)

Open Source Risk Management - Durham, NC

2007 – 2008

Auditor

Responsibilities included:

- Using commercial and custom tools to scan software for known open source components
- Develop remediation steps for license compliance issues

Projects included dealing with:

- large multinational consumer electronics company (US)
- cell phone development company (China)
- legal products software firm (UK)
- open source business intelligence reporting company

BBH Media – Raleigh, NC
Senior Software Engineer

2005–2007

Technologies: *mod_perl php apache xml mysql mssql nt linux java ajax ant solr*

- Migrated relational data to SOLR for improved search functionality.
- Initiated process to standardize AJAX development on Yahoo UI toolkit (involved leading a team to review existing systems, define requirements, identify integration points and impact of adoption, and propose adoption guidelines)
- Worked with operations team to maintain and extend functionality of ticket tracking and CRM tools.
- Reduced code execution through refactoring, code analysis and database optimization
- Kept development blog to increase communication between coasts department structure.
- Introduced testing procedures and tools for non-Java projects.
- Introduced standard build process for PHP and Perl code using Ant/Java – reduced push time and associated push problems.
- Identified stakeholders and managed communication between multiple developers and external stakeholders for multiple projects.

Conduit IT – State College, PA
Senior Software Developer/Architect

2004–2005

Technologies: *php apache xml mssql mysql nt linux oracle*

Project Management/Technical Leadership

Managed teams of 2-4 developers, insuring that projects were completed on regular basis.

- Worked with business development to ensure that features required by new and existing customers would be supported in new platform.
- Provided direct one on one guidance to developers implementing project designs.
- Worked with QA team to develop comprehensive testing strategies, to test both functional sets of code (unit test) and front end interfaces (web tests)
- Mentored junior and mid-level developers, performing code review sessions and worked on identifying areas of skill improvement.

Technical Experience: PHP, MySQL, XML, XSLT, Ant, RenderX, XSLFO

- Introduced standard build process procedures using Ant. This reduced migration time by 40% and reduced associated error rate by 50%.
- Introduced standard testing platform (simpletest) to allow for common unit testing strategy.
- Developed next generation object-oriented application platform for new product development efforts. Application configuration was migrated from database to standard XML configuration files.
- Developed real-time on-demand PDF catalog generation system using RenderX/XSLFO, PHP and MySQL.

QuickenLoans – Livonia, MI
Software Developer

2004

Technologies: *php apache xml java mysql mssql nt linux*

Developed banking software systems. Researched and implemented two identity verification systems (VerID and CashEdge) using web services (SOAP). Worked with pre-existing banking package (from Open Solutions) to integrate company's security and identification processes into banking software. Worked with Java to create Java/PHP SOAP bridge for internal authentication system.

Tap Internet – Ypsilanti, MI
Founder

1999-2003

Technologies: *php mod_perl asp apache xml java mysql pgsql mssql nt solaris linux oracle*

Managed web development consultancy of five people. Implemented dozens of projects, including ty-retailers.com, ipofinancial.com, wilkinsonluggage.com and dl.tccd.edu. Contributed LogiCreate application framework and LogiCampus classroom management system projects to open source community. Started first hands on PHP classes – developed 5 days of instruction material and presented to 100s of students from around the US. Companies served included Eli Lily, Earthlink, Gannett, Wayne State University, University of Georgia and more. Largest ecommerce site managed \$40,000,000+ per day in orders. Development experience included secure credit card gateway transactions.

Fry Multimedia – Ann Arbor, MI
Software Developer

1998–1999

Technologies: *perl asp apache xml mssql nt solaris*

Software Engineer developing web based applications for trade show registrations (Reed Exhibition company) and auto clubs (AAAMich.com, AAA clubs in Wisconsin, Illinois and New Jersey).

EDUCATION

BA Philosophy, Oakland University, Michigan

1995

EXTRACURRICULAR ACTIVITIES

CodeStock presenter	2008
OSCON presenter	2007
Started Raleigh MySQL user group	2006
Toastmasters, (Livonia, MI and Raleigh, NC)	2004-2007
Member Raleigh area groups (database, development, technology)	2005-present
Host of webdevradio.com podcast site (2000+ listeners per episode)	2005-present
Published articles at onlamp.com and phpmag.net	2005-2006
Various presentations to Ann Arbor Computer Society and Linux User Group	2001-2003
Started and managed Southeast Michigan PHP User Group	2001-2003
Developed keywordcount.com, search engine optimization tool	1999