

Mathias Verraes

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Objective

I am looking for a PHP Lead or Architect position, or freelance opportunities, where I can apply and expand my skills in analysis and software design.

Summary

Technical Lead and Senior Software Engineer, with 6 years of experience, specializing in object-oriented analysis, design, and programming (OOAD, OOP) and Resource Oriented Architecture (REST). Expert PHP developer, among others with the Zend and Symfony2 frameworks. Background in Document and Content Management Systems, E-commerce and online fundraising. Focus on agile methodologies, Domain-Driven Design (DDD), and refactoring. Emphasis on Quality Assurance, using Test-Driven Development (TDD) and continuous integration. Enjoys mentoring and motivating team members.

Skills

Languages	PHP, SQL, Javascript
Frameworks	Zend, Symfony2, Doctrine2
Databases	MySQL, Oracle 11g, Lucene, (MongoDB)
Development tools	Git, Subversion, Eclipse
Quality Assurance	PHPUnit, Hudson/Jenkins, JIRA
Deployment tools	Ant, Phing
Documentation	UML, Sphinx
Operating systems	Linux, OS X, Windows
Human languages	Dutch (native), English (fluent speaking and writing), French (basic)

Education

Master in Music, Royal Conservatory - Ghent, Belgium - 1998-2003

I am an autodidact in the field of software development.

Work Experience

Marlon - Ghent, Belgium - April 2011 - present

Senior Architect

SMS-Parking 4411.be (Mobile-for / Belgacom)

- proposed and implemented steps for refactoring a large legacy codebase (250 kLoC)
- built tools for a specialized security analysis
- performed ongoing maintenance and improved test coverage

Webshop project

- Designed and built a DDD architecture for a reusable Webshop core
- Led a team of four from start to deployment

Delius - Ghent, Belgium - July 2010 - March 2011

Freelance Consultant

- Designed and built a centralized REST service for online fundraising applications
- Led a team of three in building clients applications for the framework
- Introduced TDD and Pair Programming into the team

Timble - Diest, Belgium - July 2007 - June 2010

Senior Architect

- Envisioned and built Nooku Framework, a new RAD core to replace the Joomla framework
- Built Nooku Content, an application for managing multilingual content
- Turned Joomla tools DOCman, a dying open source DMS, into a successful commercial GPL application
- Consulted for clients such as the Belgian Police, the Italian Institute of Technology, the British National Health Service

Freelance Consultant - September 2005 - July 2007

- Built and deployed custom CMS solutions, based around Joomla

Freelance music composer - 2002 - 2008

- Wrote music for short films and documentaries, TV commercials and pop albums
- Founded and conducted an a cappella pop choir, wrote arrangements

Community Engagement

I am an open source enthusiast and have contributed to many OSS projects. As a speaker, I have been invited to talk about technical topics at many Joomla conferences all over Western Europe. When time permits, I maintain a blog on software development.

Hobbies and interests

I enjoy reading both fiction and non-fiction; my current interests are Systems Thinking, and Evolutionary Biology. I founded a food degustation club and organize tastings.

Mathias Verraes • mathias@verraes.net • Ghent, Belgium • Last updated August 30, 2011