

## PERSONAL INFORMATION

Mauro Donadio

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## PREFERRED JOB

Senior PHP Developer

## WORK EXPERIENCE

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Aug 2014 **Critical Mass (Omnicom Group) - Senior PHP Full Stack Developer**  
Apr 2015 (permanent)

Full Stack Lead Developer, Project Leader and Technology Leader of Vodafone Free SIM, overlapping with role of Deploy Engineer (Capistrano, Team City) and System Architect. From interfacing with the client to the release process, working on, managing and supervising all the evolutive phases of the project. Collaborating with different local teams and all around the world (Toronto, Calgary, Costa Rica, Chicago, New York etc..), the project in all its complexity runs on a solid and distributed structure (AWS, Rackspace etc). System based on Codeigniter with integration of Symfony2 components and scripts in Capistrano, PHP (phake tasks), Ruby, Bash cronjobs.

Clients: Vodafone, HP, Danone

Apr 2013 **Arena Media UK (Havas Group) - PHP Developer**  
Aug 2014 (permanent)

Symfony2 (Doctrine2), Silex (Doctrine2), pure PHP scripts and Wordpress are the main tools used to design and develop software for clients and internal purposes. Evaluation, plan, analysis, choice of the tools and technologies, design, implementation and maintenance of software. Working with different teams and project manager to accomplish new projects in Agile methodology.

Clients: Domino's, Red Driving School, Three, Westfield, Tesco Bank, Tesco Insurance, Legal & General

Jun 2013 **Google Mentor**  
Aug 2013 (contractor)

Planning, management and supervision of the development of a project. Given an idea of the project, evaluation of the workload based on milestones, deadlines, timetable. Planning of the work, analysis of the project, design, coordination of the implementation and testing.

- Sep 2012 **PHP Developer Symfony 2**  
Apr 2013 (contractor)
- Creation from scratch of an health care management system with Symfony2, Doctrine2 and based on MySQL5 and on Ubuntu Server. The client, a large Private Health Care Clinic with about 25 doctors requested a custom software to manage three divisions:  
Manager: financial and business  
Reception: patient bookings and anagraphic  
Medical: for each doctor and for each discipline the creation of personal files for patients.  
Software and db design, software development, server security and VPN, system architect, system admin at Private Health Care Clinic Kiméya s.r.l., Cesena (Italy)
- Jun 2012 **Google – Toronto – PHP Developer**  
Aug 2012 (competition winner)
- Won the Google Summer Of Code Competition and participated to an Open Source project development in PHP at Toronto.  
Software design and development of LCMS systems (ATutor and AContent) through OAtuh and LTI in Agile methodology.  
( <https://github.com/ATutor> )  
( <https://github.com/atutor/AContent> )
- 2010 **Software Designer and Developer with PHP**  
2012 (contractor)
- Design and development of many web sites such as [kimeya.it](http://kimeya.it), [consulting-est.com](http://consulting-est.com), and e-commerce like [salviamocilapelle.com](http://salviamocilapelle.com) with Drupal, Joomla, Wordpress, Codeigniter, OsCommerce  
Design and development of customized management systems, consulting, account management, computer maintenance both hardware and software
- Sep 2009 **Tutor at University Alma Mater Studiorum of Bologna**  
(contractor)
- Teaching "Algorithms and techniques compression"
- Jul 2009 **Consultant at Centuria RIT**  
Sep 2009 (contractor)
- Production of fuzzy control techniques report  
Analysis and quality check of techniques for remote control of electronic flight equipment.  
Practical commercial applications of fuzzy logic in the transport sector.
- 2008 **PHP software analyst, developer and database designer at Collini**  
2009 **Consulting**  
(contractor)
- Software analysis, software development and database design for a private business network of companies

2006 **PHP backend developer at Fabbricando**  
2007 (permanent)

PHP backend developer, dealing with designer, with clients and CEO to create / maintain custom web sites and web services in pure PHP and JavaScript.

Oct 2008 **Intern at University Alma Mater Studiorum of Bologna**  
Dec 2008

300 hours internship as systems designer and developer of main data structures in C (games), software (university network management) and hardware (university's server checkup), maintenance and support.  
Development of an university web service through eZ Publish

2001 **Computer systems analyst and designer**  
(contractor)

Analysis, design and implementation of web services  
Analysis, design and implementation of on-line and stand alone management systems  
RDBMS design  
Data warehousing  
Websites optimization (SEO)

## CERTIFICATIONS

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Jun 2014 **Zend Certified PHP Engineer ( PHP 5.5 )**



Aug 2014 **M101P: MongoDB for Developers**



Dec 2014 **Zend Framework 2: Fundamentals**



## EDUCATION AND TRAINING

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2008 **Master's degree in MSC IT**

2012 **at University Alma Mater Studiorum of Bologna**

Thesis in "Design and Development of AContent Extensions"

Scholarship at Inclusive design research centre in Toronto, ON  
Working on AContent and ATutor as software designer and developer

Speaker at University Alma Mater Studiorum of Bologna  
Basic level seminar on "The basics of computer security on the web"

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Basic level seminar on "The basics of computer security on the web"

Project on semantic web  
Design and implementation of a semantic processor for system-based discussion groups based on Wordnet of Princeton University

Speaker at University Alma Mater Studiorum of Bologna  
Seminar on "Security of Smart Cards"

13/08/2003 **Bachelor in Computer Science**  
18/12/2008 **at University Alma Mater Studiorum of Bologna**

Thesis in "Anonymity and not Traceability in File Sharing Systems"

Main subjects

Programming, Operation Research, Computer Networks, Operating Systems, Advanced Information System, Computer Architectures, Databases, IT-Systems Design, Web-related Technologies, Physics for Computing, Mathematical, Analysis, Algorithms and Data Structures

01/09/1998 **Liceo Socio Psico Pedagogico "Valfredo Carducci"**  
01/07/2003 **equivalent to A-levels**

## PERSONAL SKILLS

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Other language(s) Italian (mother tongue), English (fluent), Spanish (good)

Communication skills Good communication skills obtained through frequent seminars at the University of Bologna, the position of sales manager and customer relationship management and several computer science courses for individuals and businesses.

Excellent teamwork skills developed as a result of various collaborations in many university projects.

Ability to adapt to multicultural environments gained during the implementation of projects with third parties from foreign countries such as Spain, North America and Canada.

Job-related skills    Good control of processes of computer security and good learning skills  
Ability to manage project, priorities, organization of their schedules

Computer skills    Main skills: PHP development, analysis, design and implementation of computer systems such as web services, on-line and stand alone management systems, database design and data warehousing.  
Information security, web accessibility (W3C's recommendations), systems engineering, customer relationship management.

Operative Systems: Microsoft Windows, Apple MAC OSX, Linux

Programming languages and related: Symfony 2, Doctrine 2, Silex, PHP 5, PHPUnit, GIT, SVN, Python, CSS 3, XML, HTML5, XHTML, JavaScript, JQuery, SQL, PLSQL, DQL, Moodle LCMS, OAuth, WordPress (CMS and plugins), YAML, REST Web Services, ArgoUML, Chrome extensions

Database and database design: MySql, MongoDB, Redis, MySql Workbench, DBMain, DBDesigner, Oracle, SQLite, Postgres

Development environments: NetBeans, PHPStorm, Eclipse, Aptana, IntelliJ

Other skills    Sport: european football, tennis, jogging, skating

Music skills: guitar, piano, drum, voice

Humanities knowledge: psychology, semiotics, philosophy

## ADDITIONAL INFORMATION

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Personal qualities    Conscientious person, reliable and trustworthy, hard working

Driving licence    Full and clean driving licence