

# Amr Mostafa Youssef

Software Architect

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<http://amrmostafa.org>

Online resume (more details): <http://amrmostafa.org/resume>



## Personal Statement

I'm a software architect, specialized in implementing large-scale solutions for the web using open source technologies. With extensive experience with PHP and the LAMP platform, I've led small teams of developers and delivered large LAMP & J2EE solutions. People hire me to implement solid and scalable architectures, lead a team of developers to implement products, scale existing systems or tackle hard and challenging technical problems. I'm also a UI enthusiast.



## Experience

Jul 2011 –  
Jan 2012

### Lead Performance Engineer

*N2V*

Lead a team to improve the performance & scalability of vBulletin, the software powering an extremely high-traffic women community — Hawaa World.

Key Technologies & Tools: PHP, vBulletin, nginx, PHP-FPM, MySQL, Replication, Git, KVM, Puppet, Sphinx (docs).

Feb 2011 –  
Jun 2011

### Technical Consultant

*N2V*

Manage N2V servers infrastructure and provide technical support and direction on an as-needed basis for all N2V projects.

July 2010 –  
Mar 2011

### Java Team Leader

*Mubasher.info (a sister-company of N2V)*

Mubasher.info is a leading financial portal in the middle east, part of Mubasher financial services. The team I was leading implemented one of the corner-stones of the platform – the integration layer – that streamed the backend data to critical internal & external clients using push and pull methods, and different formats and protocols.

Key Technologies & Tools: Java, J2EE, EAI, Spring, Spring Integration, AMQP, RabbitMQ, Hibernate, Tomcat, XML, JSON, Git, Sphinx (docs).

May 2009 –  
Jun 2010

### PHP Team Leader

*N2V Development House*

Led the development & system operations for a very large online women community (ranked 11xx on Alexa worldwide, 12-15 on KSA). My team was responsible for scaling and improving the performance of the platform and for the development of new product features.

Key Technologies & Tools: PHP, vBulletin, Zend Framework, Apache HTTP Server, MySQL, Git.

Jul 2007 –  
Dec 2008

### Head of Software Development

*IT Synergy*

Head the company software development department. Manage projects from proposal to implementation and to closure. Reporting directly to the CEO & CTO.

Key Technologies & Tools: PHP, Drupal, Zend Framework, Apache HTTP Server, MySQL, Subversion, GIS, MapServer, GeoServer, OpenLayers, KaMap!.

Jul 2005 –  
Jun 2007

## Senior Software Developer

*IT Synergy*

Build web applications from creative design to system implementation. Improve, integrate and maintain a wide array of in-house and 3rd party LAMP-applications for different business domains.

Key Technologies & Tools: PHP, Drupal, Mambo, Joomla, SugarCRM, MySQL, Subversion, GIMP, GIS, MapServer, KaMap!.

Apr 2006 –  
Sep 2006

## Performance Engineer (Part Time)

*EgyFilm*

Help a high-traffic entertainment portal boost its performance. My scope of work was at the application level.

Feb 2005

## Freelancing Web Developer

- <http://nada-akram.com>: Not currently maintained, though an [archived version](#) is available. A personal website for a friend, built using Drupal, an open-source content management system. Provided development, design and deployment.

Jul 2001 –  
Jun 2005

## Web Developer, Designer and System Administrator

*EgyFilm*

A *jack of all trades*, responsible for the development and day-to-day maintenance & operations of a high traffic portal focused on the film industry, usually ranked between 3k and 10k amongst other websites worldwide traffic wise according to alexa.com.



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## Selected Technical Skills

### Languages (incl. markup/meta)

PHP, Java, Python, C  
Javascript, HTML4, HTML5, CSS  
SQL

### Operating Systems

GNU/Linux, Microsoft Windows

### Database Technologies

MySQL, PostgreSQL

### Services & Protocols

Apache HTTPD, nginx, Apache Tomcat  
Git, Subversion  
Drupal  
LDAP (OpenLDAP), DNS (Bind9)  
SSH  
MapServer, GeoServer  
AMQP (RabbitMQ)

### Other Software

Adobe Photoshop, GIMP  
Softimage XSI  
Inkscape



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## Related Community Activities

- Regular contributor to the Drupal CMS/Platform ([Profile](#), [Tracker](#))
- Administrator for the [Egyptian GNU/Linux User Group](#)
- Volunteer for EGLUG's 2007 Installfest at Rawabet theater
- Contributor to Zend Framework ([Profile](#))
- Participant in [ArabTechies Hackathon/CodeSprint 2009](#). [Cairo](#)



## Education

Dec 2011 –

### **PMP Preparation Course**

*RITI - Regional IT Institute*

PMP is a project management credential offered by [PMI](#). This course explained PMI's approach to project management which – while different from Agile & Scrum – provides a solid foundation of the working corner-stones of project management. It covered management of scope, time, cost, human resources, quality, risk, as well as communication and procurement.

Aug 2007 –  
Nov 2007

### **Software Process Improvement**

*SECC - Software Engineering Competency Center*

The course aims at improving the quality of software engineering. I attended the following topics:

- Overview of Software Engineering with a focus on CMMI
- Requirements Engineering
- Project Management
- Configuration Management

Sep 2003 –  
May 2007

### **Bachelor of Information Systems**

*New Cairo Arts & Science Academy*

Oct 2006 –  
Nov 2007

### **Visual Effects**

*Raa'fat ElMeihy Cinema Arts & Technology Academy*

A one year visual effects course on:

- The art and application of visual effects for cinema, using Softimage XSI systems
- General cinematic topics including: directing, photography, screen writing, Greek mythology, etc
- Video editing and compositing



## End

Thank you for considering me for this opportunity. I'd love to meet & connect. Meanwhile, I can also be found on some public internet social hubs, please find them at <http://about.me/amrmostafa>.