

Curriculum of Daniele Cruciani

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SOFTWARE DEVELOPER

Using **NodeJs**, **ReactJs**, **PHP**, and Bash scripting daily. Doing team management by daily scrum. Agree with agile manifesto. **DevOps** is the key for productivity. Introducing new tools and practices sometime is not simple, but necessary, so it should be done with enthusiasm. Every software engineer is lazy, but a kind of laziness that lead to work for hours and hours. (I do not love PHP, but I can not remove it still)

EDUCATION

12/12/2001: **Bachelor Computer Science** Università degli studi di Pisa **101/110**
10/07/1994: **Diploma di Maturità Perito Industriale Informatico** ITIS E.Divini (MC)

CERTIFICATIONS:

15/11/2012: **Zend Certified Engineer on PHP 5.3**
<http://www.zend.com/en/store/education/certification/authenticate.php/ClientCandidateID/ZEND015503/RegistrationID/252840223>

PROFESSIONAL EXPERIENCE

NOTE: I worked as freelance developer till 2017, then exclusively for xwave GmbH, getting more and more responsibility as time goes by.

12/2017 – now:

Backend developer & DevOps

xwave Group Deutschland GmbH, Hanauer Landstraße, 187 – 50314 Frankfurt (Hessen) - Deutschland

DevOps work: setup workflow for publishing internal microservices, setup Jenkins staff for Continuous Integration and Continuous Delivery of microservices. Setup configuration to publish newer ReactJs GUI in existing php based web server.

Managing releases and team, release plan, daily scrum, setting periodic goals, and everything needed to make the team more productive and comfortable.

Queue management idioms, managing queues of message consumed exclusively per user (dealing with demanding API: throttle limits).

Installation and maintainance of RabbitMQ, Redis, couchdb, elasticsearch, kibana, and others.

Basic tasks related to security, penetration tests checks, dealing with security advisory.

React Js, NodeJs (fastify api) and dockerode to interface docker swarm API for setup micro-service defined by a pipeline of steps (sql query and other commands).

12/2014 – 12/2017:

Web developer

xwave Group Deutschland GmbH, Hanauer Landstraße, 146 – 50314 Frankfurt (Hessen) - Deutschland
React Js + Electron (+Bootstrap) desktop application interfaced with company's internal API (application includes native printer interface and is cross-platform built).
PHP and Javascript development. Display data with highcharts js libraries (produce svg), manage, export, manipulate data for price and commerce matter. Use of server based rasterization library and app (java) for exporting pdf, png, jpg, etc. to user via web. Javascript for front-end works: jquery, jqGrid, test driven and CI. PHP works on server, continuously refactoring, cleanup existing code. Whole server performance optimization: remove duplication of session initialization, compress output, reduce db requests. Move no-gui service to Node.js servers and/or scripts. Maintain, maintain, maintain.

09/2013 – 07/2014:

Web developer

Linguistic Studio di Gianfranco Foresi Via Severini, 6a – 62100 Macerata (MC)
NodeJS server design and development, Angularjs framework, twitter bootstrap. And also Drupal

09/2013 – 2014:

Web developer

WMR s.r.l. Studio Cappello P.zza Maria Borgato Soti, 2 – 35020 Saonara (PD)
Bugfix on Drupal 6/7 sites.

09/2010 – 12/2012:

Web developer

Linguistic Studio di Gianfranco Foresi Via Severini, 6a – 62100 Macerata (MC)
Bugfix on Drupal 6/7 sites. Drupal 6 and Drupal 7 module development. XML third party services api integration.

07/2005 – Now:

Web developer

IM Evolution Srl Via F.lli Bandiera, 7 73057 Taviano (LE)
(various not continuous consulting)
www.cellularmagazine.it chart, shop offer (from shopydoo), new template system (perl, mysql).
Page generation by a Perl script connected to a MySQL server.
www.tecnomagazine.it drupal 6.0 site, module development.
www.messaggi-online.it is a community site with short message catalog.
Added RSS export of type/category, “Vote for this message”, “search”, advertice per category, and other changes and bug fix. And then move to wordpress: transform it in plugins.
Also www.nelweb.biz, Elib.org (directory), Elib.net (INDEXU based directory)

08/2008 – 11/2014:

PHP/MySQL/jQuery developer

Irisnet solution s.r.l. - Pisa
PHP/MySQL/jQuery work on www.starsellersworld.com site

05/2009 – 06/2010:

PHP/MySQL developer

Confestetica

www.confestetica.it community site.

08/2008 – 04/2009:

PHP/MySQL/jQuery developer

Irisnet solution s.r.l. - Pisa

PHP/MySQL/jQuery work on www.starsellersworld.com site

02/2007 – 09/2007:

Symbian Developer

Portel s.r.l. Via Pontaccio, 12 20121 Milano

Porting of PromocardMA (Promocard Mobile Application) from symbian 2nd edition (8.1) to symbian 3rd edition (9.1), skin support, scalable interface landscape, cam control, http, heap and stack management.

05/2005 – 06/2005:

Web developer

Wind S.p.a. - Pisa

digiland.libero.it a Community site development. digiland is a second level domain of one of greatest Italian portal (www.libero.it).

Graphical redesign. php development. Use of a CMS based on XML/XSL.

2002 – 2005:

Various projects

Planned and started a number of projects including symbian application, system integration, server side services (no web), symbian 6.1 http library. Not productive, but I touched and learned a number of technologies: PThread in C language, synchronize mechanism in Java language, J2ME, Symbian C++ library and build tools, Zope (web framework in Python), eclipse IDE, java native compilation, etc.

05/2004 – 06/2004:

Designer/Developer

Dr.Net coop. Macerata

Extention to webschool (PHPNuke based) for management of presences and votes. Due in PHP.

06/2003 – 01/2004:

Designer/Developer

A-Tono s.r.l., Via Amedei, Milano

Symbian OS C++ application for download of protected content, pay system throw SMS reverse billing.(HTTP/1.1 stack hand crafted for Symbian OS 6.1 Series 60 platform, Nokia 3650/7650)

02/2003 – 03/2003:

Designer/Developer

Santoni Fulvio Costruzioni, Camerino (MC)

Applet Java for loads' computation of reticular bridge. Interactive input (node, arc, load showing angle and intensity), calculation Gauss/Jordan with pivot and singularity detection.

03/2002 – 10/2002:

Designer/Developer

Noze s.r.l., Cascina (Pisa)

Monitoring, collecting of sensible data system (for hotel presense): a MS win client, a number of collecting server, one monitoring server. Definition and implementation of network protocol (HTTP/1.1 based, over pstn line). Design and implementation of collector server and monitoring server (a linux daemon controlling pppd for calling collector server, a linux daemon for statistics on db, 2 db postgresSQL, 2 php web interface). Collaboration with MS windows client designer/developer (libcurl interface)

Program that generate report from a binary log file generated from a gsm/gprm logger (similar to radius). Parser (language LL(1)) in C, parallelization posix thread based(optionally compiled).

Automatic configuration with autoconf/automake (gnu tools). (Documents) Performance analisis of a parallel version of application based on openmosix with filesystem global and dfs.

LANGUAGE SKILLS

English good read/write

Italian Mother tongue

TECNICAL SKILLS

Programming Languages: Bourne Shell, C, C++, Objective-C, Java, Perl, PHP, Python, Postgress PL/SQL, PHP, Lisp, Scheme, Javascript, Visual Basic 7 (.NET).

Testing Framework: PHPUnit, Drupal SimpleTest, jsUnit, mocha, jasmine

O.S.: Linux, Mac OSX, Symbian OS and slightly of MS Windows (no writing hw drivers).

Development Environment: MS Visual C++, Visual Studio .NET, Borland C++ Builder, Xcode/Interface Builder, Eclipse, Emacs, GNU make, GNU autoconf, GNU automake, tools Nokia Series 60 SDK (petran, makesis, etc)

Development libraries: libc (included all good staff: POSIX thread, socket, syslog, getopt ..), GTK+, Cocoa, Nokia Series 60, J2SE, J2ME.

Data Base: PostgreSQL, MySQL, sqlite, Access, MS SQL server.

Web Tools: PHP, Zope (products and dtml/page template), Fireworks (basic), Dreamweaver.

Text processing: La/TeX, HTML,XHTML/CSS, XML/XSL.

Other Tools: MS Office, OpenOffice, a number of other wysiwyg office tools.

Availability: ask.

Acconsento al trattamento dei dati personali ai sensi della L.675/96