

# Stefano Alloro

FREELANCE SOFTWARE DEVELOPER



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## + CONTACT

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Male, Italian, 1969-06-15

## + MAIN WORK EXPERIENCE

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2017 – 2018  
<undisclosed client> Senior full-stack developer: development (both back-end & front-end) and deployment of an e-commerce site, based in the US, for 3<sup>rd</sup>-party services. Client still in stealth mode.

2015 – 2016  
Mailcoding.com Senior full-stack developer: full-site re-engineering, code & deploy back-end & front-end Rails architecture; site maintenance & misc updates. Lead developer & "acting CTO" until August 2016. ( <https://mailcoding.com/> )

1999 – present  
FASAR Software di Stefano Alloro (*Individual Firm, Owner*)  
IT Consulting, Freelance Senior Developer and Independent Contractor

1994 – 1998  
DemoCenter S.c.a.r.l. (*Consortium, Research and Demonstration of new Tech*)  
SysAdmin, System Integrator, Hardware & Software Technician, Internal IT Solutions Software Developer

## + LANGUAGES

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**English** (Full professional proficiency), **Italian** (native)

## + IT PROFESSIONAL SKILLS

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Operating systems UNIX / Linux, Android, Windows, Mac OS X

Programming Ruby, SQL, Java, C++, C, Qt, OpenGL

Web Rails, HTML & CSS, Javascript, jQuery, Bootstrap, ExtJS, PHP

## + EDUCATION

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1993 – 1994 *Università degli Studi di Bologna, Mathematics*

1991 – 1993 *Università degli Studi di Parma, Physics*  
"Laurea Breve" (MCA) in Information Technology, Electronics & Industrial Automation  
Master Thesis: "*Continuous Speech Recognition using Artificial Intelligence*"

## + PERSONAL INTERESTS

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New Tech & keeping myself up-to-date; Programming/coding; Competitive Swimming; Fitness; Playing music: bass guitar, drums

## + SOME OF THE PROJECTS DEVELOPED

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2013 – present “Goggles”	<p>Swimming results browser and Training management application, written in Rails; ( <a href="http://master-goggles.org">http://master-goggles.org</a> )</p> <p>Allows data-import from data collected directly after a meeting session. Features various statistical and personalized reports for each individual swimmer.</p> <p>Supports some crude social features; allows to post reviews for the swimming pools or other news articles. Allows the creation, the management of trainings in order to print them out or share them among peers; allows to keep track of anything a swimmer team does. Fully written in Rails. Deployed with Capistrano.</p> <hr/>
2015 – 2016 Mailcoding.com	<p>Site rewrite and re-implementation in Rails: software development &amp; sys-op deployment. ( <a href="https://mailcoding.com/">https://mailcoding.com/</a> )</p> <p>Fully written in Rails. Deployed with Capistrano.</p> <hr/>
2012 – 2013 “MagicCup”	<p>Software development, update &amp; management of the official portal for the virtual-soccer on-line game. ( <a href="http://magic.gazzetta.it/home/index">http://magic.gazzetta.it/home/index</a> )</p> <p>Technologies used for the development: PostgreSQL, PHP, ExtJS &amp; proprietary framework (PHP).</p> <hr/>
2012 Coffee Machine UI	<p>User Interface for an automated coffee machine of a well-known coffee producer (undisclosed client).</p> <p>- Creation of the User Interface of a highly-automated next-gen coffee-serving machine with a touch-screen color LCD display (written in QT / C++).</p> <p>- Development of the internal client kernel / driver interface used to control the firmware; includes drivers and support for web connection, configuration &amp; self-diagnostic; includes usage-data collection, using MQTT protocol for remote storage &amp; stats.</p> <hr/>
2012 – 2013 “BandRecs”	<p>A Management Application for small Recording Studios written in Rails.</p> <p>Handles the catalog, review, annotation &amp; tagging of the recording sessions &amp; files made by any number of groups or performers. Allows the remote upload of any recorded session or single file. Features utilities for tag auto-detect of the MP3/OGG files to be stored (author, title, genre, year, date, ...) Fully written in Rails. Deployed with Capistrano.</p> <hr/>
2010 – 2011 “Desdemona”	<p>Android implementation of the board game “Othello” (aka “Reversi”).</p> <p>Spare-time project to refresh my knowledge of Artificial Intelligence.</p> <hr/>
2008 – 2010 Treofan Plant Software upgrade “JUICE”, in team)	<p>Development of the Management Software (Servers and Clients, upgraded and redesigned) for several automated plants of a multinational plastic film producer; for Production, Stocking &amp; Logistics, in Belgium, Germany &amp; Italy.</p> <p>Software in Java; Databases: Oracle &amp; SAP. Includes AGV supervisor applications for most of the plants.</p> <hr/>
2010 – 2011 “C.U.Te.” Tech. Off. Orders Management Software	<p>Development &amp; deployment of a Rails application for the management of the Orders of a Technical Office of an Industrial Constructor (undisclosed client; LAN-only application, not available online);</p> <p>Automatic GANNT diagram / Time-line generation for the life-cycle of an Order. Includes different classes of users (technical, commercial, final client) with customized views. Fully written in Rails. Deployed with Capistrano.</p> <hr/>
2008 – present “AmbGest”	<p>Development &amp; deployment of a Rails application for the management a small Medical Ambulatory;</p> <p>Handles patients, receipts, scheduled appointments and invoicing. It features a nice planner-like interface to manage each week. Fully written in Rails. Deployed with Capistrano.</p> <hr/>
1994 – present “AgeX”	<p>Time-keeping, project management &amp; accounting application that I still personally use to manage my work. Originally built in Delphi. Fully re-written in Rails. Deployed with Capistrano.</p> <hr/>