

# Giuliano Galea

## Senior iOS Developer - Team Leader

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### Profile

I'm a software engineer since 1999. I've spent the first years of my career as an actionscript engineer, developing dynamic interfaces and a couple of complex Flex applications.

Then i moved to the server side of things, starting with PHP until i discovered Ruby and its marvellous framework Ruby on Rails. I spent 3 years working only with RoR , developing a custom cms tailored to support hotel/booking websites (some examples in the works section).

The third big shift in my career has been in late 2008 with the release of the iOS sdk: i fell in love with the iPhone and since then my work has been exclusively focused on iOS (and on a minor measure OSX).

I firmly believe in test driven development and in agile development, so i like to work in an environment that promotes those practices. I'm a strong advocate of writing clean, performant and reusable code. I like to mentor junior members of the team about best practices and good software pattern usage.

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### Skills

Languages	c, objective-c, ruby, sql,actionscript, java, php
Frameworks	Cocoa Touch (UIKit, Core Data, Foundation, Core Foundation, Core Graphics and many others)
Methodology	Test driven development, SCRUM, agile, Continuous Integration, UI Automation
Tools	Xcode, Git, SVN, Aptana (Eclipse), Jira, Pivotal Tracker, Jenkins

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### Education

1988 - 1993 Liceo Scientifico Leonardo Da Vinci - Treviso

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### Employment Summary

October 2013 - Current

Senior Mobile Software Engineer at Thomson Reuters, London

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- Helped my boss in leading the team and the SCRUM process for the Eikon iOS project
  - Coordinated the complete rewrite of the Eikon iOS application achieving an elegant architecture, clean separations of responsibilities between all components, scalability and reusability
  - Reviewed technical solutions proposed and coordinated the effort of 4 other developers
  - Engaged with other teams involved in the project (product and server mainly) to gather requirements and provide a point of reference for the client team
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March 2013 - October 2013

Mobile Software Engineer at Thomson Reuters, London

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- Helped building the Eikon iOS team (10 total, 6 developers and 4 QA)
- Successfully managed the in-house transition of a huge code base of more than 500k lines of codes from an external partner
- Completely rewrote a key section of the app (Markets) and achieved a strong performance increase (rendering went from 20/25 fps to 55+ fps) while reducing the code base from 60k+ lines of codes to less than 10k (with the same features)
- Wrote an highly performant reusable component to display data in a grid fashion on top of UITableView (ios5+)

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June 2012 - March 2013

Freelance iOS Developer for Interacti.co, Padova, Italy

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- Developed several iPhone applications that shared a common code base , all related to exhibitions and trade shows world, some key features were:
  - Barcode reading for contact acquisition
  - Personalised calendar for the current exhibition events with customisable alerts
  - Complete support for offline mode
- Developed an highly performant iOS library to gather analytics for app usage
- Developed an iPad application used at registration desks to print badges and register users
- Developed an iPad application for exhibitors to show case their products. The app was configurable through a remote content management system in terms of content and the actual visualisation

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June 2012 - March 2013

Freelance iOS Developer for Develon, Vicenza, Italy

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- Developed the official application for the 40 year anniversary of Dainese, both for iPhone (<http://goo.gl/GJIHn3>) and iPad (<http://goo.gl/SVRBCN>), some key features were:
  - Good scrolling performance of the timeline view also on old devices (iPhone 3gs and iPad 1) through usage of Core Graphics to render the images asynchronously in another thread
  - All the content was manageable through a custom in-house CMS
  - Complete support for offline mode

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June 2012 - March 2013

Freelance iOS Developer for FabLab, Trieste, Italy

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- Kickstarted a new project for iPhone for an app used to keep track of your medicines through bar code scanning. The app is still in development, the key features were:
  - Creation of a medicinal item through bar code scanning, local search or manual input
  - Highly customisable local notifications related to medicines expiration and daily assumption
  - Highly performant visualisation and search of the whole italian medicines database (more than 150k items) achieved through best practices in Core Data and data modelling

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September 2011 - June 2012

Lead Software Engineer at Misiedo, Venice, Italy

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- Managed the technical team (4 people) for a new startup that produces a booking system for restaurants
- Helped designing the architecture stack for the reservation server
- Developed the iPad application for restaurateurs (<http://goo.gl/ohKag4>), the key features were:
  - Complete management of reservations and customer list
  - Real time update of reservations made through the website and companion iPhone app through a persistent socket connection
  - Ability to easily create offers from within the app
  - Rich set of analysts related to customer activity
- Mentored a junior developer that created the iPhone application for end-users (<http://goo.gl/Xr59Yo>)

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June 2009 - August 2011

iOS Lead Engineer at H-umus, Venice, Italy

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- Developed an objective-c framework used as a foundation for the main product of the company Nuxie: a complex software stack that enabled salesmen to quickly present and sell products using an iPad. This framework took care of all data management (model creation, offline saving, server synchronization) and offered several highly customisable views to provide a visual rich experience
- I was the Lead client developer for the Benetton project (<http://www.apple.com/ipad/business/profiles/benetton/>) , done in collaboration with Apple Italy. This project was used as a foundation to create the actual Nuxie product

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Sep 2006 - May 2009

Lead Web Developer at Relactions, Venice/Rome, Italy

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- Developed a custom CMS with Ruby on Rails suited to the creation of websites for high profile hotels and travel related operators
- Developed a Ruby library to support integration with a local italian provider for real time reservations of rooms and flights

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July 2005 - Sep 2006

Lead Developer/Project Manager at OOT, Treviso, Italy

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- Managed a small team of 3 developers
- Project manager for the corporate website of Autogrill (<http://www.autogrill.com>)
- Developed a custom CMS in PHP for small scale projects

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May 2004 - June 2005

Software Engineer at IOAgency, Treviso, Italy

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- Developed front end interfaces with Flash/Actionscript for a custom natural interface recognition software that exposed gesture data through a networking socket
- Wrote a Java library to interface with RFID readers through the serial port and expose the data though a TCP socket

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Feb 2002 - April 2004

Software Engineer at E-tree, Treviso, Italy

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- Developed an isometric visual chat with Flex/ActionScript similar to Habbo Hotel
- Developed a realtime chat server with Flash Communication Server
- Developed a visual messaging system with Flash Communication Server
- Developed several websites backend using PHP

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Jan 2001 - Jan 2002

Web Developer at Claim|Net, Treviso, Italy

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- Developed several websites backends using PHP
- Developed several dynamic websites using Flash/Actionscript

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Sep 1999 - Dec 2000

Web Developer at Acab, Bologna - Italy

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- Developed several websites backends using PHP
- Developed several dynamic websites using Flash/Actionscript