

# DANIELA REMOGNA

Software Engineer in London

**#email** info@fimiotta.it  
**#web** <http://www.fimiotta.it>  
**#skype** fimiotta  
**#phone** +44 7472 698059  
**#github** fimiotta  
**#twitter** fimiotta  
**#linkedin** <https://www.linkedin.com/in/fimiotta>

*Software engineer & front-end developer building high-performance, scalable and maintainable web applications in various environments for over 7 years. Backend developer with PHP/MySQL for over 3 years. Developed web tv, videoconference system, video player on demand with Adobe Flash Actionscript 3.0 and Red5 server. Web technologies and software instructor on professional courses. Interested in R&D project on Big Data and Artificial Intelligence fields.*

## @ Skills

- **TDD Front-end development** with *HTML5/CSS3/LESS, Javascript* and the following libraries/frameworks: JQuery, Backbone.js, Marionette.js, Underscore.js, AngularJS, Twitter Bootstrap, Mocha, Sinon and Chai
- **Back-end development** with PHP (Yii framework) and **Node.js**
- **SEO** – Search Engine Optimization
- Adobe **Flash Actionscript 3.0 Development**
- Streaming: Red5 Multimedia Application Server (<http://www.red5.org/>)
- Database: MySQL, ER, SQL language, Mongo
- CMS: Joomla, WordPress

## @ Work Experience

### Current Position - From Oct 2014

Front End Developer at [Workshare](#) (London)

- Front end developer for an application called **Workshare Connect**, a secure file sharing and collaboration application that enables users to store, share, and collaborate on content.

- I worked on the *file preview's project*: in the web-app you can preview a file in the browser and you are able to add positional comments, add a new version of a file, compare two versions of the same file and so on. All this code before was developed in GWT, I've contributed to the porting of all the file preview code from GWT to Backbone.js and Marionette.

*Skills Required: JQuery, Bootstrap Framework, HTML5, CSS3, Backbone.js Underscore.js, Marionette.js, Mocha, Sinon and Chai for TDD*

## **From April 2013 to September 2014**

### **Software System Architect at [Magneti Marelli](#) (Automotive / Fiat Group SPA)**

- Developed a *State Machine* Code Generator in PHP. The generator takes in input an *UML model* of the state machine created on [Enterprise Architect](#) and it generates the c++ code that manages the state machine based on the [Boost Library](#) (MSM – Meta State Machine).
- System Requirement Engineer for the eCall in-vehicle automotive system.
- File System Reference of the BMW EntryNav Project (A new In-Vehicle Infotainment system).

*Skills Required: PHP, Linux, UML Modelling with Enterprise Architech, Embedded System, Doors for Requirement Management*

## **From September 2013 to November 2013**

### **Consultant Web Developer at [Line](#)**

- Contributed to the development process of LINEstream, a mobile enterprise platform for elearning mobile apps creation, publishing, updating. The client side part has been developed with Backbone.js.

*Skills Required: JQuery, Bootstrap Framework, Backbone/Underscore.js, Node.js, Jade*

## From 2006 to April 2013

Senior Full Stack Developer at [Docebo](#) (E-learning Company)

- Team Leader & Web Developer of a Course's Marketplace (<http://marketplace.docebo.com>)
- Code refactoring of the LMS side that manages the courses's catalog from legacy PHP code to the Yii framework (creating the models, views and controllers).
- Worked in the maintaining code process of an internal ERP for managing the shopping of courses from marketplace (<http://erp.docebo.com>)
- Developed a PHP Rest application for the implementation of a new standard for Learning Object called Tin Can API.
- Developed a **quiz generator** module in Flash Actionsript 3.0: the module supports five *question types*: *true/false*, *multichoice*, *singlechoice*, *video* and *drag and drop*.
- Developed a **serious game generator** in Flash Actionsript 3.0 for *decision making* support based on an *Artificial Intelligence* system.
- Developed a **custom lesson player for Adobe Captivate Learning Object** in Flash actionsript 3.0 file with several widgets (text, dictionary, menu, documents).

*Skills Required: Artificial Intelligence, Rule Based Expert System, Serious Game, Flash ActionScript, E-learning, SCORM, PHP, Javascript, MySQL*

## 2009

Software Instructor at Valtec

- Trainer on an Adobe Flash professional course (40 hours) for a Communication Agency (<http://www.satiz.it/>). Topics: Animations and sites creation, Banner ads, Movie, scripting interactive actions in Flash

## From 2005 - 2009

Software Instructor At [Immaginazione e Lavoro](#)

Trainer for an Education Agency on several professional courses. Topics:

- Web Programming: front end with Javascript/HTML/CSS and back-end with PHP
- Installation and Configuration of Linux / Apache Server / MySQL Server
- Installation and Configuration of Windows 2003 Server

## **2007**

Red5 - Adobe Flash Actionscript Consultant At Talete

- Developed an online WEB TV system based on the Red5 Opensource Multimedia Server.
- Developed an online COLLABORATION system (Videoconference, Chat, Shared Dashboard, Slide Sharing) based on the Red5 Opensource Multimedia Server

## **2007**

IT Consultant at GM3 Srl

Team leader on the development process of a custom ERP. Developed some Excel macro for office automation.

## **2006**

Web Developer at [Enigen](#)

Front end developer for the company web site (Enigen).

## **2004**

Software Trainer at [Elea S.p.A.](http://www.elea.it) (<http://www.elea.it>)

Trainer on an “Advanced web site development” training course. Topics: Front end programming(Javascript/HTML), Back end programming (ASP), Dreamweaver MX, Adobe Photoshop

## **2003 - 2004**

IT Trainer at [Associazione Schuman](#) and [Associazione Pantheon](#)

IT Trainer on the following topics: problem solving in the IT field, network administration, e-commerce/internet marketing, database management system, SQL Language.

## **2000-2007**

Web Developer

I worked for several companies and I developed their web site.

- 2007 – Studio Marconetto – <http://www.studiomarconetto.com>
- 2007 – Projectuality – <http://www.projectuality.com>
- 2005 – Ecojoule Srl – <http://www.ecojoule.it>
- 2005 – La Maison Verte Srl – <http://www.lamaisonverte.it>
- 2003 – Trio Ars – <http://www.trioars.com>
- 2003 - Vito Andrea Vinci - <http://www.vitovinci.it/>
- 2002 – Vacca Paolo – <http://www.vaccapaolo.it>
- 2002 – Zenith – <http://www.zenithonline.it>
- 2002 – Residenza San Giorgio – <http://www.residenzasangiorgio.it>
- 2000 – Salato Diego – <http://www.salato.it>

## @ Education

- Degree on Computer Science at the University “Politecnico di Torino” (<http://www.polito.it>) with full marks (110/110) – Topic of the thesis: “An Indoor/Outdoor navigation system for mobile devices”
- Diploma in Accounting at Istituto Tecnico Commerciale Quintino Sella with full marks (100/100)

## @ Personal

In my spare time I regularly attend meet-ups in the London tech scene, such as Women Who Code in London, Ladies Who Code in London, NodeGirls London, Javascript Algorithm Study Group, London Javascript Community and BackboneJS London.

I also enjoy to write articles in my technical blog ([www.fimietta.it](http://www.fimietta.it)).

### **Other:**

- Interests: hiking, sport (running, snowboard), cooking real italian food, chess, solving rubik cube