

Curriculum vitae *Fabrizio Ruggeri*

Who I am



My name is Fabrizio Ruggeri. I live in Europe working as (web) developer. Contacts:

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Where I've worked

- From 2016 until now

Developer at PrestaShop (<https://www.prestashop.com/>) building a SaaS product. We built an API in a microservices architecture using *Node.js*, *Couchbase DB*, *React*, *Redux*.

- From 2015 until 2016

I was backend senior developer at Photobox (<http://www.photobox.com>) handling product-creation rest service using *Node.js*, *Mongo DB*, *PostgreSQL*.

- From 2009 until 2014

Worked in 3logic mk (<http://www.3logic.it>). I started as junior developer and became project leader and senior developer. I've worked mainly on *web stuff* but also on sensor/hardware interfaces

- Remarkable projects

SmartHealth: Totally distributed health related data analysis platform. The project let you describe your sensors and analysis workflow and run in an environment powered by *Node.js*, *Cassandra*, *Rabbit MQ*, *Hadoop*

Automotive: In these years we designed and developed a lot of websites for a *famous italian automotive company*. A journalist portal, street-car line presentation, website of services for car owners and other. Developed mainly using *Wordpress*, these websites often have to support million of concurrent visitors (like in new *F1 car presentation*). Deployed on *Amazon AWS* I've often controlled deployment architecture.

Winmedical: Medical real-time monitoring software developed for winmedical (<http://www.winmedical.com/>), it's now deployed in several hospitals all around the world, controlling patients in their wards. Based on *Node.js*, *CakePhp*, *Mongo DB* and *socket.io* (A former version of the gui is shown on this video (<https://youtu.be/Mf0xYI5WjRY>))

- From 2010 until 2014

Web development with obsidianart (<http://www.obsidianart.com/wp/>)

Web development with the shark project (<http://thesharkproject.com/>)

- From 2013 until 2015

I've worked as system administrator at *Dipartimento di Agraria, University of Pisa*

My work nowadays consists into *directing the development team*, *review* and *organize* their code and codebase. Like counseling I review third-part code for an IT company when code is wrote for *wordpress* or, generically, in *PHP* or for complex *javascript* applications.

Technologies I'm confident with

- **Javascript:** It's my programming language of choice. I'm mainly a *node.js* developer having designed *microservices* architectures and APIs. I wrote some huge *single-page applications* (like for winmedical and not only). I'm experienced with different frameworks, from *knockout* to *react* and *redux*.
- **Php:** Wordpress is the CMS with which I developed a lot of websites. Obviously I work with *MVC frameworks* as *CakePhp* or *Laravel*
- **So many other languages:** I've worked, mainly in the past, with *C#* and *Java*. In *C#* I developed various projects using *.NET* framework: *ASP.net*, *WCF*, *windows form* and *Microsoft MVC*. I'm not an expert anyway. In *Java* I developed little *Android* applications, and I used *RED5*. The programming language is not a constraint for me, just a tool.
- **Git and others VCS:** I'm experienced with *git*. I organized and taught several *git training courses* (basic and intermediate). I've also used *SVN* and *Team Foundation System*.
- **Databases:** In *sql-world* I know *Postgres*, *MySQL* and *SQL Server* (2005 and 2008). About non-relational databases I'm experienced with *MongoDB*, *Cassandra* and *Couchbase*.
- **ElasticSearch:** I've developed custom search infrastructures using *Elastic Search* (for automotive company) taking care of system management and interface applications (here (<https://www.belex.com/>) an example).
- **System management:** A huge part of my work has always been system integration. I learned a lot of technologies to make my work, and the work of my colleagues, easier. So, in the years I set up development environments, starting from *linux* deployment systems arriving, nowadays, to set up *Vagrant* environments or *Docker* infrastructures. *Puppet* and *Ansible* became friends of mine within *Grunt* and a bunch of *test suites*. I also dived into continous integration systems, from self managed such as *Jenkins* to online services such as *Travis-ci* and similar. I managed internal *git* repositories and server at *3logic* and their *linux* based machines. Working with *Amazon AWS*, I became confident with its services as *EC2*, *Cloudfront*, *S3* and its general service management.

Look at my code

Even if most of my code is not showable due to license reasons, you could have a look to my github account (<https://github.com/ramiel>) for public code.

Other notes

I speak english and french (and italian of course).

Contact me for any question or for references.