

## PERSONAL INFORMATION

## Gianluca Costa



 Bologna (Italy)

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 <http://gianlucacosta.info/> <https://twitter.com/giancosta86/> <https://github.com/giancosta86>

Sex Male | Date of birth 29/04/1986 | Nationality Italian

## PREFERRED JOB

## Software architect / developer

## WORK EXPERIENCE

06/2013–06/2014

## Senior developer

Yoox, Gruppo Euris

**Main technologies:** C#, Castle Windsor, MongoDB, Solr, Microsoft SQL Server, NUnit, TeamCity.

I mainly worked on the *model* layer of a few .NET-based software stacks - in particular, *web APIs and services* exposing business logic to other teams.

Passionate about agile development, I also devoted time to holding brown-bag seminars and code katas.

10/2012–02/2013

## Java and web architect/developer

Sitech Sistemi Informatici Srl

**Main technologies:** Java, J2EE, JSP, EJB, MyBatis, J2EE web services, NetBeans, Eclipse, Maven, Hudson.

My project consisted of *two main phases*:

--*creation of a Java security framework* focused on permissions

--*refactoring of an existing architecture* so as to plug the new security framework into its kernel, with development of a *portal* collecting different web applications sharing the security mechanisms

In the process, I introduced new build methodologies within my company, especially *Maven 3* and *Hudson 3*, in order to dramatically increase the robustness of the overall infrastructure and to ease component *modularization*.

03/2012–10/2012

## Java and web architect/developer

CSE - Consorzio Servizi Bancari, Sitech Sistemi Informatici Srl

**Main technologies:** Java, JSP, JavaScript.

**Activities:**

--*refactoring of the Java/JSP kernel* of the web applications making up the *marketing* suite, in order to create the bases for the introduction of a *new shared API*

--*writing a JavaScript layer* replacing the existing inter-app communication system

--achievement of *far better app performances* as well as *seamless integration* between the apps, within a unified GUI context.

01/2012–03/2012

## Java and web architect/developer

Sitech Sistemi Informatici Srl

**Main technologies:** JSP, JavaScript, CSS.

I contributed to the development and refactoring of a few *Java web applications*, mainly using JSP.

- 12/2009–01/2012 **.NET and web architect/developer**  
Sitech Sistemi Informatici Srl  
**Main technologies:** C# (3, 4), ASP.NET MVC 2, Fluent NHibernate, WCF web services, Silverlight 4, SQL Server, Oracle 10g.  
**Activities:** development; mentoring new colleagues on C# and OOP.
- 02/2004–11/2004 **Delphi architect/developer**  
Liceo Scientifico "Enrico Fermi", Bologna (Italy)  
**Main technologies:** Delphi 4, Borland Database Engine, SQL  
As the headmistress of my high school needed a tool to easily monitor the school progress of the students, I created *Scrutinium*, a data mining application for Windows, which performed a detailed, aggregated analysis over the school's database.

## EDUCATION AND TRAINING

- 09/2014–Present **Master's degree - Computer Engineering** EQF level 7  
Alma Mater Studiorum, Bologna (Italy)  
\* Operating Systems M: 30+  
\* Information Security M: 30  
\* Computational Models And Languages M: 30+  
\* Operations Research M: 30+  
\* Real-Time Systems M: 29  
\* Foundations Of Artificial Intelligence T: 30+  
\* Distributed Systems M: 30+  
\* Innovation and Project Management M: 29  
\* Data Mining M: 30+  
\* Mobile Systems M  
\* Intelligent Systems M
- 09/2005–07/2009 **Bachelor's degree - Computer Engineering (110/110 with honours)** EQF level 6  
Alma Mater Studiorum, Bologna (Italy)
- 09/2000–07/2005 **Diploma di maturità scientifica (100/100)** EQF level 4  
Liceo Scientifico "Enrico Fermi", Bologna (Italy)  
French, English, Information Technology.

## PERSONAL SKILLS

**Mother tongue(s)** Italian

| Other language(s) | UNDERSTANDING                                    |         | SPEAKING           |                   | WRITING |
|-------------------|--|---------|--------------------|-------------------|---------|
|                   | Listening  | Reading | Spoken interaction | Spoken production |         |
| English           | C1   | C1      | C1                 | C1                | C1      |
|                   | Cambridge BEC Higher<br>Cambridge CAE            |         |                    |                   |         |
| French            | C1   | C1      | C1                 | C1                | C1      |
|                   | Diplôme Approfondi de Langue Française (DALF) C1 |         |                    |                   |         |
| Dutch             | A2   | A2      | A2                 | A2                | A2      |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

|                      |  |
|----------------------|--|
| Communication skills | <p>Nowadays, team playing is essential for creating vast products - and it is fun as well! ^__^ I think most successful teams definitely care about <i>continuous improvement</i>, in both human and technical terms.</p> <p>In my opinion, IT is not only a science, but also <i>an art</i>, therefore I believe that a workplace should be <i>innovative</i> and <i>agile</i>, fostering <i>communication</i>, <i>creativity</i> and <i>research</i> - without sacrificing conceptual rigor - in lieu of rigid schematism.</p> |
| Digital competence   | <p>I began developing in 1998 and, since then, I have always studied languages and ideas with passion and interest.</p> <p>I have employed a wide variety of programming languages and frameworks over the years, so I have acquired a fairly good point of view when it comes to choosing a technology over another.</p> <p>I daily employ both Windows and Linux.</p> <p>For further information, please visit my LinkedIn profile or my GitHub profile, where I publish my open source projects.</p>                          |
| Other skills         | <p>I am definitely keen on linguistics - I dedicate at least half an hour a day to studying languages - my up-to-date Duolingo profile is: <a href="https://www.duolingo.com/giancosta86">https://www.duolingo.com/giancosta86</a>.</p> <p>I am fond of music - I have a particular knowledge of opera and classical music, but I also enjoy modern genres.</p> <p>Finally, I adore reading poetry - and from time to time I compose poems - the source files of my first <i>mobi</i> e-book are now available on GitHub.</p>    |
| Driving licence      | B  |

## ADDITIONAL INFORMATION

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|--------------------|--|
| Description        | For a detailed and updated presentation, please visit my introduction at <a href="http://gianlucacosta.info/about.html">http://gianlucacosta.info/about.html</a>   |
| Projects           | <p>My open source projects are hosted on GitHub: <a href="https://github.com/giancosta86">https://github.com/giancosta86</a></p> <p>The related Gradle/Maven artifact repository is on Bintray: <a href="https://bintray.com/giancosta86/Hephaestus">https://bintray.com/giancosta86/Hephaestus</a></p>  |
| Presentations      | <p>My public presentations are available on SlideShare: <a href="http://www.slideshare.net/giancosta86">http://www.slideshare.net/giancosta86</a></p>  |
| Publications       | <ul style="list-style-type: none"> <li>■ G. Costa, C. D'Ambrosio and S. Martello. <b>GraphsJ 3: A modern didactic application for graph algorithms</b>. <i>Journal of Computer Science</i>, 10:1115-1119, 2014</li> <li>■ Geertjan Wielenga. <b>Interview: PMD Code Analyzer for NetBeans IDE</b>. <i>DZone</i>, 2014</li> <li>■ G. Costa, C. D'Ambrosio, and S. Martello. <b>A free educational Java framework for graph algorithms</b>. <i>Journal of Computer Science</i>, 6:87-91, 2010</li> </ul> |
| Honours and awards | 2003: 6th prize in Latin competition promoted by <i>Rubiconia Accademia dei Filopatri</i> .  |
| Interests          | Reading, linguistics, biking, music, theatre, poetry, team-based videogames, philosophy.   |