

PERSONAL INFORMATION

Gianluca Costa



 Bologna (Italy)

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

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

PREFERRED JOB

Software architect / researcher / teacher

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 .NET-based software stacks - in particular, core *web APIs and services* referenced by other teams.

I also devoted time to holding brown-bag seminars and code katas - a few presentations are still on my SlideShare page.

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 increase the robustness of the overall infrastructure and to ease *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: developing web applications based on ASP.NET MVC and Fluent NHibernate to access different DB technologies; 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+ / 30
- Information Security M: 30 / 30
- Computational Models And Languages M: 30+ / 30
- Operations Research M: 30+ / 30
- Real-Time Systems M: 29 / 30
- Foundations Of Artificial Intelligence T: 30+ / 30
- Distributed Systems M: 30+ / 30
- Innovation and Project Management M: 29 / 30
- Data Mining M: 30+ / 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)
Didactic Java software for graph algorithms - Gianluca Costa, Claudia D'Ambrosio, Silvano Martello
- 09/2000–07/2005 **Diploma di maturità scientifica (100/100)** EQF level 4
Liceo Scientifico "Enrico Fermi", Bologna (Italy)

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 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; I also use both Linux and Windows.</p> <p>For further information, please visit my website or my GitHub profile.</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: https://www.duolingo.com/giancosta86.</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 like 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

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