

PERSONAL INFORMATION

Luca De Santis

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Sex Male | Date of birth 16/07/1967 | Nationality Italian

PREFERRED JOB

IT Consultant & Business Developer

WORK EXPERIENCE

01 February 2012

IT Consultant & Business Developer

Net7 Srl

I officially joined Net7 company board as an Associate in February 2013. I've been working at Net7 since April 2010, first as a consultant and later on (February 2012) as a full-time employee.

Together with presales and business management activities I've been involved as Technical Analyst & Project Manager in the following projects:

- City4u: Couponing/social shopping e-commerce portal implemented in PHP using the Symfony framework. <http://www.city4u.it>

- Network+: Technical Analysis and design of a framework for Social Collaboration and Knowledge Management, based on Drupal 7.

- Hypernexus: a research project, in collaboration with Hyperborea Srl, on applying Semantic Web technologies on Information & Document Management. A presentation of Hypernexus (in Italian) can be found here: <http://slidesha.re/TrqMjK>
Hypernexus has been implemented in Java, using Spring and JBoss ESB for its business logic layer. Apache Solr has also been used for full text search.

- dati.toscana.it: the Regione Toscana open data portal based on the open source software CKAN. I followed the project for the company SpazioDati srl.

- Social Proxy: a Software-as-a-Service platform for managing multiple Social Network accounts and perform Trend and Sentiment Analysis on Social content.
The system has been developed with a mix of technologies, both Java (JBoss ESB, Apache Solr) and PHP (Symfony) based.
It is currently used by large Italian companies (COOP, Giunti Editore).

- YUP: a web based system that expands the Moodle LMS to improve the delivery of e-learning courses through a Rich Internet Application (Flash based).

- UNINA: Document Management Platform for the University of Naples based on Alfresco ECMS. The project also extensively used Apache Solr.

- Temart: R&D project funded by Regione Toscana for the development of analysis tools for Restoration and Preservation of Cultural Heritage.

01 July 2008 – 31 January 2012

Independent Information Technology Consultant

In 2008 I started an activity as an Information Technology consultant, focusing on Project Management and the Analysis and Design of mission critical web-based architectures, based on open source software solutions.

I've been also directly involved in presales activities, managing tenders for Italian Public Administrations projects and European Community funded research initiatives.

A list of the most important projects I've been involved in follows:

- Business Development, project management and technical presales for Net7 srl (2010-2011)
- Technical presales for Hyperborea srl (2009-2010)
- Technical Manager for the CHIRMS project (2008-2009, for Liberologico Srl). Customer: Abu Dhabi Authority for Culture and Heritage (ADACH)
- Team leader for the IRIS Project (2008-2009, for Liberologico Srl). Customer: Regione Toscana.
- Project Manager for the Parco degli Etruschi project (2008 for Ksolutions Spa and Publisys Spa). Customer: Provincia di Grosseto
- Project Manager for the BAS2005 project (2008 for Ksolutions Spa and Publisys Spa): Customer: Regione Basilicata.

01 October 2001 – 30 June 2008

Research & Development Director; up till Dec 2004 also Chief Technology Officer Ksolutions Spa

Ksolutions S.p.A. was a company of the Kataweb/Espresso Media group. Up till the end of 2004 I, as the company Chief Technical Officer, managed the whole company technical division, supervising a team with up to 70 IT professionals (75% of Software Developers and 25% of System Administrators). At the beginning of 2005, for a personal choice, I decided to concentrate mainly on innovation and assumed the role of R & D Director and Vice Chief Technical Officer.

I defined the company's technical strategies and directly supervise R & D initiatives and the development of in-house software frameworks: I was also in my company the main driver of the interest in Open Source technologies. I was also directly involved in various Open Source projects (Kaistar - www.kaistar.org, JOIN - www.ossite.org/join/it/, OpenPEC - www.openpec.org).

I actively collaborated in presales activities, writing and supervising technical annexes, in particular for important e-government tenders for Italian Public Administrations. I was also one of Ksolutions' ISO9001 internal auditors.

A list of the most meaningful projects I directly managed in the last years follows:

- Region of Basilicata (2006-2011). The project for this large Italian Public Administration consists of a rich set of web-based functionalities including specialised Internet sites for companies, schools and non-profit organizations, Web 2.0 portals, e-learning systems, e-democracy portals and infrastructural software systems, including an Identity Management System and a Citizen Relationship Management (CRM) platform.
- Province of Grosseto (2006-2008). The project for this middle-size Italian Public Administration aims at activating a cultural "theme park" about the history and natural resources of the territory ("Etruscan Theme Park"). In this project we developed the web portal (www.parcodeglietruschi.it) and provided the IT equipment for 11 stations of the Park, including special interactive devices.
- Kaistar/K* Framework (from 2002): Java EE framework for content, knowledge & delivery management, including also features for e-commerce and identity management. I provide leadership and technical supervision for the project and pushed for its release as open source software (www.kaistar.org).
- Province of Pescara (2005-2006). E-government project consisting of a web portal (www.provinciaunica.it) designed to provide content and interactive services (e.g. on-line tax payment) to the citizens of 42 towns of the Province of Pescara.
- JOIN (2004-2005). 24 months research project funded by E.U. under the eLearning program whose goals were: evaluating open source e-learning platforms, creating Special Interest Groups, defining the requirements of specific user groups regarding e-learning (we covered Italian Public Administrations). I gave public presentations of the project in events arranged with Italian Public Administrations: my interviews on the projects have also been published on various web sites.
- OpenPEC (2003-2005). Open source project for developing a PEC (Posta Elettronica Certificata)

system. PEC was defined by the Italian government to give legal values to emails. I provided leadership in the initial years of the project, which produced the first public release of the software. I also delivered several public lectures on the project and gave an interview that was published on the October 2004 issue of Linux Magazine Italy.

- CLICKWORLD 2 (2004-2005). I managed the initial phase of this project funded by Italian Ministry for University and Research (MIUR) which aimed at producing multiagent architectures for matchmaking and recommendation. Main topics: Semantic Web, Grid Computing, Service Oriented Architectures, Web Services.

- POKER (2004-2005). I managed the initial phase of this project funded by MIUR which aimed at producing an automatic recommendation system to be used as an advanced CRM platform for financial institutions and banks. Main topics: Recommendation Systems, Knowledge Discovery, Data Warehouse/Data Mining, Markup Languages, Web Services.

- ICE: Corporate Portal for the Italian Institute for Foreign Commerce (2003). Corporate Intranet system with knowledge management functionalities, developed with Hummingbird Portal suite.

- BIZON (2002): 24 months research project funded by E.U. under the IST program on the use of semantic techniques (ontologies, machine learning) for knowledge management in web-based corporate portals. I worked on project requirements definition.

- KATAWEB/VIVACITY: free-mail system (2001 - 2002). Design and set-up of a "free" email system with hundreds of thousands of mailboxes. Initially the system was based on a commercial platform and was later on successfully migrated on a system completely based on open source products.

01 September 1996 – 31 October
2001

Project Manager; from April 2001 Director of Software Division

Ksolutions Spa (ex Aleph Integration Spa)

I led important web-based projects since the beginning of the "New Economy Era". In particular I was directly involved in the most significant Internet initiatives of the Espresso Media Group, like the launch of La Repubblica newspaper web site (Jan 1997) and the development of several portals for Kataweb (Espresso Group Internet Division). In 1999 I became an associate of the Aleph company, which later was totally acquired by the Espresso Group and changed its name in Ksolutions. In April 2001 I became the Director of software division of Ksolutions.

Some of the projects that I directly managed in this period:

- ANSA Web Content Management System (1999): content management system for ANSA web site and other smaller vertical portals (Salute, Europa, etc.)

- KATAWEB: KWShopping (2000): Shopping Portal for Affiliate marketing; integration with Autonomy and IChannel/IMediation technologies

- KATAWEB KWExtra: web site for selling and distributing content (e.g. La Repubblica newspaper electronic version) and services (e.g. SMS) to customers (2001). I designed the global architecture of the system and supervised the teams assigned to the project.

- KATAWEB: Katabusiness initiative (2000). E-commerce enabled web sites for small and medium enterprises; e-commerce portal; other services developed for the merchants were a content management system and an email service

- REPUBBLICA.IT: Web Delivery Management System based on Netscape Publishing System (1997-1998)

- REPUBBLICA.IT: "La Borsa di Repubblica" Financial Site (1998). This site later evolved and became Kataweb KWFinanza.

- Other projects: MaxMara & TIM: development of a WAP-based Sales Force Automation application (1998). Kataweb: Katalogo search engine site, based on Inktomi technology (1999); KWAnnunci portal developed with Vignette (1999); various e-commerce projects based on Open Market technology. Zivago (Feltrinelli): load testing for the e-commerce portal Zivago.it (1999).

01 September 1993 – 31 August 1996

Software Engineer

Alsoft Srl

- Development of mobile applications: wireless data transmission with GSM and Tacs cellular phones; PDA software development (Apple Newton);
- Client/Server development, based on Omnis 4GL environment and Sybase relational DBMS;
- Various C, C++, SQL, OpenDoc (Corba based), AppleScript, Omnis and Visual Fox Pro development on Unix (Solaris), Apple Macintosh and Windows 95 platforms.

01 February 1993 – 31 August 1993

Software Engineer

Analysis Srl,

Client/Server development based on Omnis 4GL environment; various C and AppleScript development on Apple Macintosh.

01 January 1993 – 30 September 1997

Consultant for various IT companies in Italy

I was involved as a consultant for various companies in web-based and desktop publishing activities. Here I acquired a good knowledge of the applications used in the desktop publishing industry, like QuarkXPress and Adobe Photoshop. I also refined my knowledge of web technologies (HTML, JavaScript, CGI, Zope, Mailman, HTTP, Internet protocols). I also delivered lectures on web publishing and the Internet.

EDUCATION AND TRAINING

1992

Degree in Computer Science

101/110

University of Pisa,

1985

Commerce Secondary School Diploma

60/60

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B2	B2	B2	B2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Organisational / managerial skills

Deep experience in leading mission critical projects, both from a technical (architectural analysis, requirements definition, development, testing) and a management (leading teams, interacting with customers, suppliers and consultants) viewpoint.

Job-related skills

Among my current interests are: ESB/SOA, semantic web, Linked (Open) Data, social computing, (Enterprise) Content Management, open source, e-learning, web technologies in general, project management strategies.

Specialties: Project Management, Technical Analysis, Presales process supervision, Open Source expert

Excellent knowledge of UML-based analysis techniques.
Excellent knowledge of web-based technologies.
Excellent knowledge of Java, especially Java EE technologies
Excellent knowledge of Python and C; good knowledge and/or working experiences with several others programming languages, including Perl, C++, PHP, TCL, Cobol, ...
Good knowledge of Oracle and MySQL/MariaDB DBMS
Deep experience in quality assurance for web projects (especially automatic tests and load testing).
Very good knowledge of XML and WebServices technologies (SOAP, RESTful).
Working experience as a system administrators on Linux and Mac OS X platforms (plus past experience on Solaris and Windows NT/2000); past working experience as a DBA on Oracle and MySQL.
Excellent knowledge of Microsoft productivity suite (Office, Project) and equivalent Open Source products (OpenOffice/LibreOffice, OpenProj)

Driving licence B

ADDITIONAL INFORMATION

Professional training and technical certifications:

"Strategia e Business Intelligence (Strategy and Business Intelligence)" (Pisa 2003), "Comunicazione Interna ed Esterna (Internal and external Communication)" (Pisa 2003), "Project management e gestione delle risorse umane (Project and Human resources Management)" (Pisa 2003), SUN "Unix, amministrazione di Sistema e di rete (UNIX/Solaris system and network administration)" (Pisa 1998), Netscape Enterprise Server Certification Course (Milano 1996).

Scientific publications:

- De Santis: "Il presente e il futuro dell'e-learning: commenti su Online Educa 2004", Journal of e-Learning and Knowledge Society, Issue 1 - No. 1 - Aprile 2005.
- De Santis, Mancini: "Approccio Glass-Box alla definizione del software" (A Glass-Box approach to software development), Quaderni del CNR, ottobre 1993.

Conferences:

I delivered speeches at various public conferences including Open Source for Education in Europe (Heerlen, Holland 2005: also chairman), Salpa (Pisa 2005 and 2004), Open Businesses (Pisa 2004), Java Day (Pisa 1999) and research projects dissemination events (JOIN: Pisa, Roma, Firenze 2004, Bizon: Pisa 2003).