

Francesco di Cugno

Objective

Seeking a professional position as Technical Project Manager, Solution Architect or Software Engineer requiring advanced technical knowledge of most innovative ICT technologies. Accomplished full life cycles on several projects from initial conception to completion of systems analysis, design and development, programming, testing to implementation. Willing to travel or relocate both in Italy and abroad.

Professional Experience

- 2010-Current UniCredit Corporate & Investment Bank Munich – DE
Business Analyst / Software Engineer
Analysis, design and development of (Java) applications to analyze financial information for Risk Management and Value-At-Risk evaluation. Front Office system data analysis (Sophis Risque, Murex 2000, Kondor+), sensitivities analysis. Documentation and specification/requirements gathering for multiple asset classes (Equity Derivatives, Credit and IR Derivatives).
- 2009-2010 Vodafone Milan - IT
Solution Architect
Analysis, design and development of a "Localization Based Service" for people density estimation based upon GSM/UMTS network usage data. Measurement algorithm is under evaluation for Patent.
- 2006-2009 Alcatel-Lucent Vimercate - MI - IT
Software Engineer
Analysis, design and development of distributed multiplatform (Windows/Solaris/Linux) SOA applications, using J2EE, .NET, C++, AJAX, for Infostrada TV, the IP Television Wind Telecomunicazioni SpA service. Proposal and development of VAS' prototypes for business development unit support. Onsite end-to-end service customer support during project deployment and startup phases. End-to-end service customer second level support (configuration management, issue analysis, troubleshooting, disaster recovery, L3 support to customer interface). Team leader for IPTV VAS projects development and delivery.
- 2006-2007 Degitech Srl Bitonto - BA - IT
Software Engineer
Development of a video surveillance and CCTV system. The system used open source software and provided an AJAX web interface for monitoring and administration purposes. Development within Linux environment with PHP, AJAX, Perl, C, C++.
- 2006-2007 Polytechnic of Bari Bari - BA - IT
Lecturer, Telematics Engineering
Focus on network applicative protocols (HTTP, DNS, FTP, SMTP, POP, IMAP, BitTorrent) and Java network programming.
- 2005-2008 Polytechnic of Bari Bari - BA - IT
Ph.D. Student / Software Engineer
Ph.D. Research: Semantic Matchmaking algorithms optimization. ALN Description Logics automated reasoning system development. 7 publications (see below).
Research Projects: 1) ALN description logic Reasoning System written in C++ and J2EE. 2) A graphical ontology manager written in Java and subsequently ALN description logic integration.
- 2004 ABACO Software & Consulting (now Exprivia SpA) Molfetta - BA - IT
Intern
Internal course for Development & Workbench in SAP R/3.
Topics: SAP R/3 architecture; ABAP/4 development, SAP R/3 customization fundamentals.

Education and Graduation

- 1999-2005 Polytechnic of Bari Bari - BA - IT
Graduation: Master of Science Information Systems and Automation Engineering
Vote: 110/110 cum laude
Master thesis: Building Blocks composition based on business process semantics for SAP R/3

Technical Areas of Expertise

<i>Programming languages</i>	C ⁽²⁾ , C++ ⁽²⁾ , C#/.NET ⁽³⁾ , Java (J2SE, J2EE, JNI) ⁽³⁾ , Matlab ⁽³⁾ , Visual Basic ⁽²⁾ , FORTRAN ⁽¹⁾ , Cobol ⁽¹⁾ , Assembly ⁽¹⁾ , LabView ⁽³⁾ , PHP ⁽³⁾ , ASP ⁽³⁾ , ASP.NET ⁽³⁾ , BASH ⁽²⁾ , JavaScript ⁽³⁾ , ABAP/4 ⁽²⁾
<i>DataBases</i>	Standard SQL ⁽³⁾ , MySQL ⁽³⁾ , PostgreSQL ⁽²⁾ , MaxDB ⁽¹⁾ , Oracle DB ⁽¹⁾ , SQL Server ⁽¹⁾ , Ms Access 95/98/2K/Xp ⁽³⁾
<i>WEB Application Development</i>	HTML ⁽³⁾ , CSS ⁽³⁾ , JavaScript ⁽³⁾ , Java(Java Applet, J2EE, Java Web Start) ⁽³⁾ , AJAX ⁽³⁾ , PHP ⁽³⁾ , ASP ⁽³⁾ , ASP.NET ⁽³⁾ , Macromedia Flash ⁽²⁾ , XML ⁽³⁾ , SOAP ⁽²⁾ , SVG ⁽³⁾ , Dreamweaver ⁽²⁾ , Content Management Systems ⁽³⁾ , NVU ⁽³⁾
<i>Operating Systems</i>	Linux x86/x64/PowerPC ⁽³⁾ , MS DOS ⁽³⁾ , MS Windows 95/98/2K/XP ⁽³⁾ , MS Windows 2003 Server ⁽²⁾ , Sun OS ⁽²⁾ , IOS ⁽¹⁾ , Mac OsX ⁽²⁾
<i>Networking</i>	TCP/UDP/IP, IEEE 802.2, 802.3, HTTP ⁽³⁾ , SMTP ⁽³⁾ , DNS ⁽³⁾ , SNMP ⁽³⁾ , SIP ⁽³⁾ , POP3 ⁽³⁾ , IMAP ⁽³⁾ , FTP ⁽³⁾ , TELNET ⁽³⁾ , SSH ⁽³⁾ , VPN ⁽³⁾
<i>Multimedia</i>	VoIP ⁽³⁾ , IP-TV ⁽³⁾ , RSS ⁽³⁾ , Vodcasting ⁽³⁾ , Podcasting ⁽³⁾ , Videostreaming ⁽²⁾
<i>Development tools</i>	Eclipse ⁽³⁾ , Netbeans ⁽³⁾ , JDeveloper ⁽²⁾ , Sun ONE Studio ⁽³⁾ , Visual Studio ⁽²⁾ , Crystal Reports ⁽²⁾ , Poseidon for UML ⁽³⁾ , Magic Draw UML ⁽³⁾ , Protégé ⁽³⁾ , Matlab ⁽³⁾ , GCC ⁽³⁾
<i>Application servers</i>	Apache Tomcat ⁽³⁾ , Glassfish ⁽²⁾ , IIS ⁽³⁾ , Apache Web Server ⁽³⁾ , Sun ONE ASP ⁽³⁾
<i>Office automation</i>	Microsoft Office (Word ⁽³⁾ , Excel ⁽²⁾ , PowerPoint ⁽³⁾ , Access ⁽³⁾ , Publisher ⁽³⁾ , Visio ⁽³⁾), Microsoft Project ⁽²⁾ , LaTeX ⁽³⁾
<i>Virtualization</i>	VmWare (Workstation, Server, ESX) ⁽²⁾ , Xen ⁽¹⁾ , KVM ⁽¹⁾ , Microsoft Virtual Server ⁽¹⁾

Level: (1) = beginner; (2) = good; (3) = advanced

Personal Skills

<i>Languages</i>	ITALIAN: Native speaker ENGLISH: Writing (2), Speaking (2), Reading (2)
	Level: (1) = beginner; (2) = good; (3) = advanced
<i>Organizational skills and competences</i>	High problem solving capabilities, conscientious about meeting deadlines and completing tasks unsupervised. Good leading teams capabilities.
<i>Personal Hobbies</i>	Computer graphic, Travel, Open source technologies, Logical games
<i>Permits</i>	Italian driving license type B
<i>Professional register subscriptions</i>	Professional Engineer Registration since March 2006.

Publications

- Efficient Automatic Selection of Sema antically-annotated Building-Blocks for ERPs Customizing*
F.di Cugno, T.Di Noia, E.Di Sciascio, E.Tinelli - 10th International Conference on Business Information Systems, Springer
- Concept Covering for Automated Building Blocks selection based on Business Process Semantics*
T.Di Noia, E.Di Sciascio, F.M. Donini, F.di Cugno, A.Ragone - 8th IEEE Conference on E-Commerce Technology (CEC' 06) and 3rd IEEE Conference on Enterprise Computing, E-Commerce and E-Services (EEE' 06) – 2006
(Best Paper Award)
- OwEd: An Ontology Manager for MaMaS-tng*
F.di Cugno, T.Di Noia, E.Di Sciascio, F.M. Donini, A.Pinto - 14th Italian Symposium on Advanced Database Systems (SEBD-2006) – 2006
- A Framework for Content-Based Image Retrieval Fully Exploiting the Semantics of Annotation*
T.Di Noia, E.Di Sciascio, F.M. Donini, F.di Cugno, E.Tinelli - Proceedings of the 21th ACM Annual ACM (SIGAPP) Symposium on Applied Computing. - Mar 2006
- Semantic-Based Toolkit for Automated Building Block Composition in SAP R/3*
F.di Cugno, T.Di Noia, E.Di Sciascio, F. M. Donini, E.Tinelli - 10th European Conference on Software Maintenance and Reengineering CSMR 06 - Mar 2006
- Building-Blocks Composition based on Business Process Semantics for SAP R/3*
F.di Cugno, T.Di Noia, E.Di Sciascio, F.M. Donini, E.Tinelli - ISWC 2005 Workshop Semantic Web Case Studies and Best Practices for eBusiness (SWCASE05) – 2005
- Non-standard inferences for knowledge-based image retrieval*
T. Di Noia, E.Di Sciascio, F.M. Donini, F. di Cugno, E. Tinelli - EWIMT 2005 2nd European Workshop on the Integration of Knowledge, Semantic and Digital Media Techniques, IEE press, page 191--197 - 2005

Certifications

- 2000 First Aid & Rescue Certificate
Italian First Aid & Rescue Association
- 1999 Basic Live Support Executor Certificate
Hospital of Trani (A.U.S.L. BA/2) – CPR Division

Sincerely
Francesco di Cugno