Giorgio **Desideri**

Contact Information

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Status	Married

Certification

2016 **CAPM** – **Certified Associate in Project Management**, issued by PMI

Work Experience

2015 **Development / IT Director,** AE-Concept / Ascolotus, Bangkok, Thailand.

Responsibilities:
- establishing and accomplishing business objectives;
- leading efforts by deliverables, production, and technical services policies and practices; coordinating actions with corporate staff;
- maintains quality code and deliverables by establishing and enforcing organization standards;
- contributes to team effort by accomplishing related results as needed;
- system Administration management and leading. Manage the system administration of current clod / server resources;
- business organizations;
- 3rd party management;
- team leading and management.

Achievements:
- innovation about IT platforms and mechanism
- built basic of private clouds
- enhance staff attendances and skills
- apply Project Management features to management
- apply Product Leadership features to products
- development direction of projects, products and services
- drive relationship with 3rd party of company software. Software

provides:
- ◦ web functionalities for customers;
- ◦ web functionalities for business and organizations.

- • Internal IT office procedures

2014 Team Leader, Mobile Technologies, Bangkok, Thailand.

Project:
- • iVM (Intelligent Voucher Manager)
- • iDM (Intelligent Distribution Manager)

Achievement ans strength:
- • Improve Agile methodologies practices.

- • Concept and practice about CMMI certification. Improve documents, cover the gap between what documents need and how retrieve document data from real scenarios.

- • Enhance communication and personal communication skills in an multi-cultural environment. Work closed with people of different culture and ethnic groups is not easy to manage.

Responsibilities:
- • Team leading of 3 Senior Java developer. Drive solutions design and technical implementations. Check and control progress of team members and ensure good source code quality.

- • Review technical documentation about developments and solution implementations to following business work-flow.

- • Propose new enhancement strategy for business continuity.

- • Using Spira, Jenkins, SVN and Coverage tools.

2013-2014 Senior Java Developer, Mobile Technologies, Bangkok, Thailand. 1 year contract.

Project:
- • iVM (Intelligent Voucher Manager)
- • iDM (Intelligent Distribution Manager)

Achievement ans strength:
- • Integration inside a multi-cultural environment.

- • New knowledge of JSF framework and possible enhancement with other mvc framework.

Responsibilities:
- • Develop and maintenance features of projects. Architecture, of the modules, is based on JSF, Spring, Hibernate, ActiveMQ and Oracle database.

- • Design strategy to develop new features or improve currents in according with customer issues.

- Handle ER diagrams and tables, cooperate with DBA-Team to handle and keep perform for data retrieval.

- Cooperate with other teams and developers, to solve interoperability problems or data inconsistency.

- Realizing a new JSF library to enhance default company UIs.

2012 – 2013 **ITC Consultant**, Capgemini S.p.A., Rome, Italy. Permanent.

Project: Italian Navy Project, DIISM (Dispositivo Interministeriale per la Sorveglianza Marittima).

Achievement ans strength:

- Problem solving using meeting, brainstorming, or email sharing. Bring view from only "own business view" to "entire-platform" view. Manage stressful situation between customer, project managers and developers.

- Drive developers to efficient solutions and write technical documentation for bug fix code and change request.

- Knowledge to install, usage and develop about new data-grid / cloud interface of Oracle Coherence.

- Virtualization support with VMWare products

Responsibilities:

- System Analyst, plan, built and manage a cloud / data-grid system based on Oracle Coherence and Oracle Weblogic products.

- System Engineer, platform installation using IBM Blade center, with 14 blades. Using VMWare ESXi, create 24 virtual servers, for 4 data grid center, Oracle Database Cluster (Oracle RAC). Installation and configuration of Red Hat Enterprise Linux 5.

- Setup security constraint and enhance security requirements of customers, add SSLv3 certifications and Smart-Card authentication.

- Active Domain management for workstation. Policy management, security management, single-sign-on between client-server-active domain using SPNEGO protocol and Kerberos.

- Team leading of 2 teams, each one of 4 Senior Java Developers. Drive solutions and technical implementations about used modules. Check and control progress of team members and ensure good source code quality.

- Work deeply couple with customer to hit his requirements. Well-understanding of customer needs and goals, and decide efficient approach to existent or new business work-flow.

- Review technical documents regarding develop, using a custom

format based on Agile development concepts. Also review management and business documentation using PowerBuilder2 and UML2.

- Integration Engineer, to design, develop and handle test and monitoring modules and units for architecture components (EJBs, WebService and data grid). Develop custom automatic test-applications, with Spring and JUnit, to monitoring data flow through EJBs, WebServices, and Coherence caches and workers.

2011 Senior Java Developer, Capgemini S.p.A., Rome, Italy. Contract.

NATO Project, EUCCIS (European Union Command and Control System).

Achievement ans strength:
- Work in agile team, covered change request and customer improvement requests.

- Enhance knowledge of EJBs interface, and deep usage of them.

- Knowledge in deep of PL/SQL stored procedure.

- LDAP and Kerberos interactions for Single-Sign-On authentication.

Responsibilities:

- Develop new EJBs and new back-end modules (business and data-layer) on existing application. Java Swing client connect to central server and use EJB (statefull and stateless) interface to exchange the data. Data layer is based on a big set of PL/SQL stored procedures for Oracle database

- Design E/R diagrams to expand existing data model for new objects.

- Develop and perform PL/SQL stored procedures for data storage and retrieval, on single or multiple schemas.

- Re-develop from scratch the interfaces for new user accounting system. It use Single Sign On protocol, based on LDAP and Kerberos server and tickets, for server side, and other GSS-API for client side. All mechanism runs and are interfaced with statefull EJBs to provide services and data.

- Testing and bug-fix applications using JUnit test-cases.

- Using Subversion as revisions system

2006 - 2011 Java Developer, Data and documents Processing Center, University of Rome "Tor Vergata", Rome, Italy.

Achievement ans strength:
- Knowledge to how the stuff should be done, to cover platform usage and stability, instead of own business drive solutions.

- Knowledge about interoperability within full distributed system.

- Deep knowledge and experience in Linux environment.

Responsibilities:

- Developed servlets and JSP pages on existing application. Big web-application used to manage a big part of internal businesses of University.

- Developed from scratch back-end layer of previous application. Create new business controllers to retrieve and merge the data, which are stored on multiple databases. Using Spring and Hibernate frameworks.

- Design E/R diagrams for new data model and functionalities.

- Develop and maintenance single modules that supply customer's issues. These use Spring and Hibernate, with JAX-WS Web-services and Rest services.

- Develop a new single-middle-tier application to centralize and enhance data exchange from central unit to peripheral units (administrative, formal and students offices). Using a SOAP platform and Spring framework for Web-Services (JAX-WS and JAX-RPC) and REST services. Always Hibernate for data layer management

- Develop a new module to communicate with internal identity management system (Kerberos and OpenLDAP). Retrieve data on LDAP and RDBMS database to perform authentication and authorization operations.

- Using Mercurial, Subversion as revisions system.

- Using Hudson as continuous integration system.

- Using Ant and Maven as deploy system

2004 - 2005 Junior System administrator, Didactic laboratory of University of Rome "Tor Vergata", Rome, Italy.

Responsibilities:

- Managed laboratory of course department.

- Designed laboratory network (NAT, Firewall, DNS and DHCP servers).

- Developed a custom accounting system, based on LTSP idea (LTSP – Linux Terminal Server Project - http://www.ltsp.org/).

- Create OpenMosix cluster.

Reefers

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Computer Skills

Skills	Java (1.4, 1.5, 6, 7, 8)
	JavaFX
	J2EE (5, 6, 7)
	Java Server Faces (2.x)
	Richfaces (4.x)
	Primefaces (3.x)
	Servlets (2.0, 2.1), EJB (2.x, 3.x)
	JMS
	SOAP
	Web-Services (JAX-RPC and JAX-WS)
	XML, XSD, DTD, XSL, XSLT, XPath
	HTML5, HTML4 and CSS2, CSS3
	JSP, XHTML
	Applets, Swing, AWT
	Oracle Database (9.x , 10.x, 11.x)
	PostgreSQL
	MySQL
	Hadoop Map-Reduce, Pig, ZooKeeper
	Apache HBase
	Apache Cassandra
	Linux Shell script
	Ruby, Ruby on Rails
	Python
	Javascript, JQuery
Knowledge	Project Management
	Software development life-cycle (SDLC)
	OO design and development
	SOA architecture design and development
	RDBMS Database design and development
	No-SQL Database design and development
	Cloud and Cluster architectural design and development
	Software design patterns management
	UML (1.1 and 2.0)
	Agile and Iterative project life-cycle
	Scrum methodology
	Extreme programming
	Networking and Routing
Software	Spring Framework
	Hibernate
	ActiveMQ
	RabbitMQ

	SpiraTeam
	Jenkins
	JAXB, Castor, DOM, SAX, JDOM
	Apache Fop, JasperReport, iReport
	Junit, HttpUnit, DbUnit
	CVS, Subversion, Mercurial, Git
	Apache Ant
	Apache Maven
	Openstack
	Oracle Coherence
	OpenLDAP
	Oracle Internet Directory
	Oracle WebLogic Server
	Oracle WebLogic Server Portal
	Oracle Service Bus
	Oracle Web Center
	Apache Tomcat
	Apache Web Server
Others	Eclipse
	Netbeans
	Linux Debian
	Linux Ubuntu
	CentOS
	Red Hat Enterprise Linux 5/6

Education

MASTER DEGREE

2006 - 2010	**2ⁿᵈ level degree (M.Sc.) in Computer Science**, *Department of Mathematics, University of Rome "Tor Vergata", Italy*.

Grade: 106 out of 110. |
| **Title** | *A good approach to distribute indexing and retrival processes using Hadoop Map-Reduce paradigm* |
| **Supervisors** | Professor Giorgio Gambosi, Dr. Giambattista Amati |
| **Description** | Create a Hadoop Cluster application to develop an application for indexing documents and information retrieval.

It based on Map-Reduce paradigm and focused to organize data into <Key, Value> structure to enhance information retrieval algorithms.

Beyond develop, I realized, from scratch, the Hadoop cluster. I installed LinuxOS on single machines, create topology and configured Hadoop setting up. |

BACHELOR DEGREE

2001 – 2005	**1ˢᵗ level degree (Bachelor) in Computer Science**, *Department of Mathematics, University of Rome "Tor Vergata", Italy*.

Grade: 100 out of 110 |
| **Title** | *Design of an MVC pattern for developing customized web-sites in J2EE environment* |
| **Supervisors** | Professor Giorgio Gambosi |

Description Developed a web-application for students, teachers and administrative people, which manage a course of study. In this case, Computer Science course.

Web-application is plotted following MVC (Model - View - Control) pattern, and realized using Spring and Hibernate frameworks.

Scholarship

2001 **High school diploma**, *Liceo Scientifico statale "Francesco d'Assisi"*, Rome, Italy.

Grade: 92 out of 100.

Scientific Interests

- Software architecture
- Project Management
- Business Intelligence
- Business Analysis
- Application development
- Cloud and clustering applications
- Parallel computing
- Algebra and Mathematics
- Quantum Physic and Mechanics
- Application of Quantum theories

Languages

Italian Fluent (mother tongue)

English Self-assessment (European Level)
- listening: B1
- reading: B1
- spoken interaction: B1
- spoken production: B1
- writing: B1

Works

2016 Ruby Logger (https://github.com/kallsu/gr-logger)
Ruby Utility library (https://github.com/kallsu/gr-util)

Ruby Code Lessons (https://github.com/kallsu/g-ruby-lessons)

2015 Linux utility command line tools (https://github.com/kallsu/g-bin)

Other

2012   **Speaker**, Linux Day. *"Linux Domain: enterprise your business"*, University Of Rome "Tor Vergata", Rome, Italy

2011   **Speaker**, Codemotion. *"No-SQL: Anything Else ?",* University of Rome "Roma Tre", Rome, Italy

2010   **Speaker**, Linux Day. *"Open Source and distributed systems"*, University Of Rome "La Sapienza", Rome, Italy

2009   **Speaker**, Linux Day. *"Linux and Open Source, what's and what's meaning ?"*, University Of Rome "La Sapienza", Rome, Italy

2008   **Speaker**, Linux Day, *"Encryption and information security"*, University Of Rome "La Sapienza", Rome, Italy

2007   **Speaker**, Linux Day, *"Database and data persistence"*, University Of Rome "Tor Vergata", Rome, Italy

2006   **Speaker**, Linux Day, *"Apache Struts framework"*, University Of Rome "La Sapienza", Rome, Italy

2005   **Speaker**, Linux Day, *"Hibernate and data persistence"*, University Of Rome "Tor Vergata", Rome, Italy

2004   **Speaker**, Linux Day, *"Apache webserver 2.0"*, University Of Rome "Tor Vergata", Rome, Italy