

CURRICULUM VITAE

Personal data

Name Riccardo
Surname POMPEO
Place and date of birth Rome, December 20 1968
Marital status Married
Mobile phone +39 331 3096692
E-mail riccardo.pompeo@sixtyfourbit.org
Web <http://www.sixtyfourbit.org>
Driving license B
Company INTERATTIVA S.r.l. – <http://www.interattiva.tv>

Title of Study

In the academic year 1987 I achieved the degree of Industrial Technical Expert in Telecommunications at Technical Institute Vallauri in Rome, with vote 50/60.
From 1987 to 1989 I studied for a period of two years in the engineering course at ‘La Sapienza’ university in Rome. I interrupted this course to start my career in the ICT sector.

Foreign languages

English Good capacity of reading, writing and conversation.
I'm able to interact with international suppliers and customers.
French Scholastic knowledge.

Courses

<i>Nec DSP 77230</i>	Training course on DSP software development for data acquisition on real-time cards using elaboration algorithms of signals (FFT, FIR, IIR).
<i>Vax VMS Internals</i>	Training course on VMS operating system internal structure.
<i>Vax Fortran</i>	Training course on Fortran77 software development on VMS environment .
<i>CATE</i>	Training course on CATE development for electronic testing on systems S790VXI Schlumberger.
<i>OOSE and C + +</i>	Training course on object oriented designing (OOSE, OMT, Booch, UML) and C++ language.
<i>ISO9001</i>	Training course on quality methodologies.
<i>Vignette</i>	Training course on development on Internet Publishing and Content Management system.
<i>Digiquant IMS</i>	Training course on system management and integration of billing application.
<i>BEA Weblogic Server</i>	Training course on WLS administration.
<i>BEA Commerce Server</i>	Training course on development and administration of commerce server
<i>BEA Tuxedo</i>	Training course on development and administration of ATMI and CORBA middleware.
<i>VMware Infrastructure</i>	Training course on installation and configuration of VMware system virtualization solution.

Working experiences

Since April 1989 I was employed, with role of **Hardware and Software Designer**, in R&D division of **ICET S.p.A.**, electronic industry located near Rome operating in the area of the public and private telecommunication. Inside this company I designed telecommunication systems with real-time and fault-tolerant software, to support ACD services for **TELECOM ITALIA** and PABX services for PCM-ISDN switches.

Since January 1996 I was employed, with role of **Software Designer**, in **AIVE S. r. l.**, a system integration company located in Mestre, Florence and Rome, operating in the areas of logistics, health and telecommunications. Inside this company I worked as consultant and developer of client-server solution for the following customers:

<i>JANSSEN-CILAG</i>	Development of work-order system for pharmaceutical production in collaboration with <i>ANDERSEN CONSULTING</i> .
<i>ALITALIA</i>	Development of a logistic system integrated with IBM mainframe for automation of <i>ALITALIA</i> warehouse.
<i>ENEL</i>	Development of logistic system, in collaboration with <i>CAP GEMINI</i> .
<i>ERICSSON</i>	Development of prepay service for TACS mobile phones on MSS mediation systems (platform TMOS) and AUC subscription system.

Since February 1998 I was employed, in the role of **Senior Practice Architect**, in the LARGE TELCO & BROADCASTING division of **ETNOTEAM S.p.A.**, a system integration company located in Milan, Genoa, Bologna, Turin, Rome and Naples. I worked in the technological areas of OSS and EAI for the following customers:

<i>TMI</i>	Development of Trouble Ticket Management system. Analysis of provisioning system 'Service Order'.
<i>TIM</i>	Analysis of Trouble Ticket Management system
<i>TIN</i>	Project leader of Trouble Ticket Management system. Design of integration software with <i>SARITEL</i> 's trouble ticket management system.
<i>TELECOM/ DRT</i>	Project leader of Trouble Ticket Management system, in collaboration with <i>TELESOFT</i> to support fault management of PDH,SDH networks.
<i>INDRA</i>	Project leader of integration between <i>Vignette StoryServer</i> and <i>TIBCO Rendezvous</i> .
<i>BLU</i>	Assessment of the portal implemented by <i>FRAMFABB</i> .
<i>TIM. IT</i>	Software architecture design of the new B2C portal.
<i>RAI.IT</i>	Hardware and software architecture design of the consumer portal. Analysis of portal services and design of integration with corporate vortals.
<i>VIZZAVI (VODAFONE)</i>	Hardware and software architecture design of session management and customer registry subsystem for multichannel UK and France consumer portals. Development of session management system and integration within WEB and WAP subsystems.
<i>IPSE2000</i>	Hardware and software architecture design of the consumer portal. Analysis of portal services and integration with vortals.

Since September 2001 I was employed in **BULL Italy S.p.A.**, french system integrator and high-end server manufacturing company located in Milan, Rome and Avellino. I worked in the role of

Business Developer in the *Product and Services Division* , with the purpose to develop business of following portfolio:

- Escala AIX high-end systems (re-brand of IBM p-Series servers line)
- Novascale Itanium2 high-end systems
- Novascale Blade systems
- Storage systems (EMC2, NEC)
- Linux and open source offers
- MICROSOFT, BEA and ORACLE offers

I worked also on the following activities:

<i>Ministry of Justice</i>	Bid preparation of Judicial data-warehouse re-engineering call for tender.
<i>WIND</i>	Installation, configuration and support of BEA WLS infrastructure for WWSI, SDI, CMS, CRM applications.
<i>H3G</i>	Bid preparation of UMTS Service Enabler system call for tender, with <i>NORTEL</i> .
<i>ENEL Invoicing</i>	Bid preparation of <i>ENEL</i> billing system call for tender with <i>EDS</i> . HW and SW architecture design.
<i>TIM Billing</i>	Bid preparation of call for tender to supply HW for new billing system based on <i>PORTAL</i> .
<i>Ministry of Justice</i>	Bid preparation of <i>SIPPI</i> call for tender with I&T and <i>INTER SISTEMI</i> .
<i>TIM</i>	Project Management of comparison benchmark between <i>BULL NovaScale</i> platform and the platform based on <i>SUN Fire 10K</i> for the portal application <i>TIM Cafè</i> , using <i>Linux RH 64bit</i> , <i>BEA WLS</i> and <i>ORACLE 9i RAC</i> .
<i>POSTE</i>	Project Management of a benchmark based on <i>BULL Novascale</i> platform to support re-engineering of postal offices architecture, using <i>W20003 EE 64bit</i> , <i>BEA WLS</i> and <i>SQL Server 2000 64bit</i> .
<i>ENASARCO</i>	Project Management of data-warehouse application porting on new <i>BULL Novascale</i> platform, using <i>Windows 2003 EE 64bit</i> and <i>ORACLE 9i RAC</i> .
<i>ACEA</i>	Architecture definition to support porting from <i>GCOS</i> platform to <i>AIX</i> for a billing application written in <i>COBOL</i> .
<i>BANCA SELLA</i>	Project Management of intranet and internet banking portal porting from <i>HP Superdome</i> to <i>BULL Novascale Linux</i> and <i>BEA WLS 64bit</i> platform with related benchmark.
<i>RAI DTT</i>	Architecture definition of national digital television tender.
<i>Regione Veneto DTT</i>	Architecture definition of regional digital television tender.
<i>POSTE CRM</i>	Architecture definition of Customer Relationship Management call for tender based on <i>SAP CRM</i> .
<i>FASTWEB</i>	Project Management of <i>MPEG2</i> video-streaming benchmark based on <i>BULL NovaScale/Linux RHEL 64bit</i> platform and a <i>BULL</i> proprietary video streamer product.
<i>SELEX-SI (FINMECCANICA)</i>	Bid management of Vessel Traffic System (VTS) call for tender for “phase 2” new HW with OSS services. Bid Management of server consolidation project, based on HW blade and <i>VMware</i> technologies.
<i>CARABINIERI</i>	Bid Management of <i>NSIS2</i> call for tender of Italian system for Schengen (EU) project.

Since December 2006, after a buy-out operation, I was employed in **EUTELIA S.p.A.**, an Italian company that inherited Plug It, Edisontel, NTS, Noicom, Getronics Italy and Bull Italy business. In the *B.U. Offer Engineering* I worked in the role of **Bid Manager** to promote commercially the Eutelia offer and to supply pre-sale support for account management structure through:

- offer proposition in collaboration with account management unit.
- integration, development, evolution of Eutelia offer in coherence with the evolution of each single Business Unit offer.
- account manager training.
- pre-sale activity on prospects and customers.
- development of technical/economic competitive and professional propositions.

I worked also on the following activities:

<i>Confcommercio</i>	Bid management of a proposal to supply network products and connectivity services, server and storage, software porting and maintenance.
<i>Consiglio di Stato</i>	Bid management of a proposal to supply hardware and software development in J2EE environment and to support the office automation.
<i>Regione Lazio</i>	Bid management of the call for tender LAIT "Partecipa" to supply network elements, server and storage, software (open source e J2EE) and customization and maintenance services.
<i>Comunità montana dei Monti Dauni</i>	Bid management for PIT10 call for tender to supply network devices, server and storage, satellite connection, software development, operative management and maintenance.
<i>Ministry of Justice</i>	System management of BEA WLS infrastructure based on BULL AIX hardware.

Since February 2009, I'm employed in **Interattiva S.r.l.**, an Italian company focused on crossmedial communication (web, digital tv, mobile), as **ICT Manager**. Interattiva is part of Alphabet consortium that aims to start a new Digital TV Channel in Italy named ABC, based on T-learning business model.

This area supported the following kind of applications:

- front-end application based on Flash AS3 technology
- back-end application (CMS, CRM, POS, LMS) based on PHP and J2EE technologies
- live and video streaming

using the following Open Source or Commercial platforms:

- Linux Fedora e CentOS
- MySQL e PostGis Database
- JBoss Application Server
- Alfresco Content Management System (CMS)
- Sugar Customer Relationship Management (CRM)
- Cartographic system based on Mapserv and OpenStreetMap (GIS)
- Videostreaming WOWZA and Red5
- DOCEBO e-Learning Management System (LMS)

In this context I worked also on the following activities:

Switchover e switchoff Digital Terrestrial TV	Project Management of web sites production to support the communication campaign for DTT switch-off in Lazio and Valle d'Aosta regions in Italy.
Casa Italiana	Project Management and development of a Web TV prototype completely working, handling Live and VOD (Video on Demand) streaming. This product included also e-commerce and Customer Self Care modules.
SetMedia	Project Management and development of an application focused to act as feeder for Digital Terrestrial Television MHP applications and support its Return Channel.
Kit della Riforma PA	Project Management and development of a Flash interactive application, deployed on USB static memory and on Forum PA web site, containing the documents kit of Ministry Brunetta reform for Public Administration.
ABC	Project Management and development of a Web TV application focused on e-learning trough live and video on demand contents. This application is integrated with Virtual POS and IRDETO CAS to handle smart-cards for DTT decoders.

Key Competencies

Hardware design

Electronic design of cards based on microcontroller and DSP provided of real-time firmware and communication interfaces based on USART, synchronous parallels bus, PCM and ISDN. Use of standard components TTL/CMOS, Altera EPLD and SGS GAL. Design of electronic boards and automated test.

Analysis and software design

Skills of analysis, design, software implementation and testing with use of OOP technologies and UML, Visio2000 methodologies. Skills on software programming with languages Fortran, C, C + +, Java and Action Script and use of middle-ware technologies like CORBA, RPC, MOM, RMI, SOAP, REST. Use of J2EE technologies like JSP,EJB3 and JMS with integration of Flash Action Script client applications.

Hardware Architecture

Architectural design skill on HW platforms SUN, HP, IBM and NEC, to support business-critical applications H.A. and fault-tolerant. Architectural design skill for network infrastructures including firewall, switch, load balancer and storage area network (SAN).

Software Architecture

Architectural design skill on client-server and web-based systems. Design of EAI integration bus in Unix and mainframe environments based on TIBCO Rendezvous, BEA TUXEDO. Design skill of intranet and internet WEB portals with three-tier architecture based on BEA, VIGNETTE and JBOSS. Design of OSS Trouble Ticket Management systems based on Remedy.

Project management and BID management

Project Management skill to support work-groups until 10 persons on critical projects from technological and temporal point of view. Experience on technical employees recruitment. Bid preparation and bid management on enterprise level proposals (100k€-5M€) including supply of hardware, software, support services and system integration.

Marketing and communication

Preparation of seminars and presentations on products or solutions. Training of sales workforce and business development on prospects and customers. I also studied Neuro-linguistic Programming (NLP), Psychoanalysis and Neuro-marketing as key technologies to develop better ways of communications on the web.

Open source

Active contribution to open source community through the creation of following projects, released under GPL license:

- **MQ4CPP** (Message Queuing for C++) is a message-oriented middleware (MOM) implementing direct/indirect messaging, unsolicited messaging, request/reply, conversation, publish/subscribe, store&forward, broadcast, multithreading, application clustering (failover and session replication), encryption, compression, file transfer, memory channel, distributed lock manager, routing.
- **True3D*Shell** is an OpenGL 3D desktop environment inspired to inflationary multiverse theory where information are organized in 3D "bubbles" connected by "pipes". Each "bubble" generated by a different computer may be connected by "pipes" acting as network connections, providing network transparency. It supports peer-to-peer for distributed navigation based on MQ4CPP.