

CURRICULUM VITAE – Domenico Pio Novelli

Personal Information

Name(s) and Surname: **Domenico Pio Novelli**
Birthday: **June 16, 1984**
City: **Tres Cantos (Madrid), Spain**
Birthplace: **Cerignola (FG), Italy**
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Occupation

- Position: **Employee - Software Analyst / Java Developer**
- Company: Ad Maiorem, Consultant in GMV

Education and training

- December 2007 - Bachelor's Degree in "**Informatica e Tecnologie per la Produzione del Software**" (Software Engineering Technologies and Computer Science), in Università di Bari.
Score 108/110
Thesi: "*Realizzazione di servizi di supporto a utenti diversamente abili*" (Development of support services to users with disabilities)
- July 2003 - High School Degree, presso il Classic High School "Nicola Zingarelli" in Cerignola.
Score 100/100.
- December 2007 - current
 - Course: Master's Degree in Computer Science
 - University: University of Bari

Personal skills and competences

- Mother tongue: **Italian**
- Other language: **English** (Reading: Good- Writing: Good- Speaking: Not bad)

Social skills and competences

Excellent ability to relate to others. Propensity for teamwork in general and in all the collective activities.

Natural propensity for teamwork, experience with numerous group activities conducted in the past (collective case studies, educational projects, etc..)

Technical skills and competences

Propensity to computer analysis and design of software, both individually and in groups.

Ability to quickly learn new programming languages and new techniques developed.

Development of sites under the criteria of accessibility of the W3C.

- Level of programming skill: **VERY GOOD**
- *Advanced Competences (Most Work Experience)*
 - Java (JSE, J2EE)
 - Eclipse RCP (Rich Client Platform) and related framework (EMF, GMF, ...)
 - Eclipse Equinox (OSGi Equinox Platform)
 - WebServices development (SOAP and RESTfull)
 - Data Management (RDBMS: MySQL, H2, Hsqldb), Knowledge Management and Content Management
 - Content repository (JCR, ECM): Alfresco
 - Process: BPMN, Bonita Solution (tools for modelling and execution)
- *Other Competences (Minor Work Experience, University experience, Self experience)*
 - Used Operative System: *Windows (9x, Millenium, Xp, Vista, 7), Linux (Ubuntu), DOS*
 - Programming Languages: *C#*
 - Client Scripting languages: *Javascript*
 - Server Scripting languages: *ASP.NET, PHP, JSP*
 - Markup Languages: *HTML, XHTML, XML*
 - DBMS: *MsSQL 2005*
 - Framework: *.NET, IBM FileNet, Struts*
 - CMS: *DotNetNuke, Joomla*
 - Development Techniques: *Ajax*
 - Android development

Work experience:

- *(January 2012 - current)* **Consultant in GMV**
Software Analyst / Java Developer in GMV, working for Ad Maiorem
 - *Activities*
 - Java Developer, on some project in Aerospatale Area
 - *Main Activities:* Design and Development in RCP Applications; Integration of some open source component / software (mostly RCP Appliations).
- *(November 2009 – January 2012)* **Software Analyst / Java Developer in I&T Sistemi**
Software Analyst / Java Developer on TM SEPROB (*Technologies and Methods to enable Semantic Business Process Management*) research project in I&T Sistemi
 - *Summary:* Design and Development of 3 Main Component of a SOA Solution to model and execute business strategy, process and application. First Component is made by some RCP Application to model strategy, process description, process diagram, semantic application. Second Component is made by some application server to execute

bpmn process and semantic services. Third Component is a mix of a Java Content Repository and a Knowledge Repository.

- *Activities*
 - Team Leader (from September 2010)
 - Java Developer, involved on all component involved in the project
 - *Main Activities:* Design and Development of RCP Applications, Development/Evolution of some open source software (mostly RCP Applications). Research and selection open source components. Design and development integration of three components.
 - *Other Activities:* Development of some bundles OSGI Equinox to evolve an Open Source Equinox Application, Integration of ECM Systems and Knowledge repository, Development of some simple web applications and web-services to support processes
 - *Training and Certification: **Business Process Application Development (November 2011):*** Design BPMN Processes, connect it to external information systems, and deploy a business process application to execute it using Bonita Open Solution
- *Technologic Competences:*
 - **Java (JSE, J2EE)**
 - **Eclipse RCP** (Rich Client Platform) and related framework (**EMF**, **GMF**, ...)
 - **Eclipse Equinox** (OSGi Equinox Platform)
 - **WebServices development** (SOAP and RESTfull)
 - **Data Management** (Relational Databases), **Knowledge Management** and **Content Management** (Alfresco)
 - **BPMN Processes** modelling and execution (Bonita Solution)
- *(November 2008 – April 2009) Software Analyst / Java Developer in Exhicon ICT srl*
 - *(March 2009 - April 2009) Developer on IBM ENI CELC project*
 - Java Junior Developer: development of some jsp and action (Struts framework) to support report functionality
 - *(November 2008 - March 2009) Developer on IBM Carige project*
Java Junior Developer on IBM project (in IBM Bari)
 - Java Junior Developer: development of some service class/methods on business layer, fixing and development part of the RCP Application
 - *Technologic Competences*
 - **Java (JSE, J2EE)**
 - **IBM ERIC** (IBM Enterprise Rich Client Framework)
 - **Data Management** (Relational Databases)
 - Struts
- *(September- December 2007) Internship at the company Exhicon ICT srl.*
Developing Framework A.S.S.I.S.T.E.D. in Exhicon Assistive Suite 3.0. Analysis, Design and Implementation of new support services to users with disabilities.
- *(March - June 2007) Internship at the LACAM Research Laboratory of Computer Science Department of Bari.*

Developing Framework **A.S.S.I.S.T.E.D.** (*A Simple System for Integration of Smart Technologies for E-inclusion and Disabilities*). Group activity (3 people).

- *Summary:* A.S.S.I.S.T.E.D. is part of my University Degree Thesi "Realizzazione di servizi di supporto a utenti diversamente abili" (Implementation of support services to users with disabilities). A.S.S.I.S.T.E.D. is a framework developed in JAVA. Its goal is greater integration of assistive technology to support the use of a computer by a user with motor disabilities, which controls the pointer, for example, through a *Head-Tracking*. The user who uses the system should never do click because the system provides an interface clickless, with buttons that are activated after a pause of a certain time interval customizable, with a parameterised width of the stop too.
- *Activities:* Analysis, design and development of software.
- *Technologic Competences*
 - **Java (JSE)**
 - **AWT/Swing**

Web Site Developing Work experience:

- *(October 2008 - October 2009)* Web Site **Piazzetta Giovani**
Development and Maintenance of the website (back-end components), using Joomla CMS
- *(December 2006 - December 2010)* Web Site **Parrocchia San Trifone Martire - Cerignola**
Development and Maintenance of the website (front-end, back-end components), using php in first version of the site and Joomla CMS in second version.

Other skills and competences:

- Home networking installing (router settings and individual computer settings, ports, DHCP, security, etc ...)
- Computer Support: Installation and support for Windows systems and software, simple hardware repairs

Certificates, patents, licenses etc.

- Driving licence: B
- ECDL (*April 2003*)
- Multimediality Course (*Cerignola – February-April 2003*)
- Youth Entrepreneurship Course (*Cerignola - November 2005*)
- **Business Process Application Development** (*November 2011*)