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## Ángel Muelas Martínez

Senior Software Engineer / Java Architect

### Education

- **Ingeniería Técnica en Informática de Sistemas** (U.N.E.D.) 2001/2007.
- **Técnico Superior en Desarrollo de aplicaciones Informáticas** (I.E.S. Brianda de Mendoza)
- **JAVA certified programmer**

### Work experience

- **Senior Java Software Engineer (Packlink):** January 2015 - Current

Main roles:

- Architecture and design applications with Java, groovy and Scala.
- Performing new tech documents, team lead.
- Analysis, tech design and development.

With these technologies:

- Java, Spring, Hibernate, Groovy, Scala, python.
- Databases: MongoDB, MySQL, Redis
- Messaging system: RabbitMQ
- Source code management: Git.
- Continuous development with Jenkins, Sonar, Jira, Rally
- With agile methodologies like Scrum, extreme programming (XP), Kanban.

Working in these projects:

- Carriers (January 2015 – current). I work in a multifunctional team participating in all the development tasks of the new integrations with carriers and improving our micro services platform; from development of new functionalities to the analysis and design of new tasks, testing and implementing them in our application. Working on a project to implement agile methodologies and TDD environment.  
We work with several programming languages but mainly with Scala and Java 8 for development, Groovy and Spock for the spec tests. From July 2015 I also work leading a remote team in Ukraine, reviewing the work and coordinating their development to be integrated into the platform.
- Packlink-pro: Worked on the new micro services platform for professional clients, migrating from a monolithic platform to the new one based on micro services. Worked in a functional programming role using Java 8, Groovy and Scala driven by RabbitMQ management system to handle events. Packlink-pro is made up of several micro services like tracker (in charge of tracking system with the carriers), reporting (in charge of sending reports to carriers)...

- **Functional analyst /Java Architect (Factoría ETSIA):** February 2012– January 2015

Main roles:

- Architecture and design applications with Java.
- Performing new tech documents, team lead.
- Develop of complex modules.
- Distribution of work.

Using these technology:

- Java: Eclipse, Ant, SWT, JFaces, RCP, Spring, Hibernate, Struts2, JQuery.
- Database: Db2, MySQL, MongoDB.
- Application servers: tomcat, glassfish, websphere, jetty
- Http servers: apache2, nginx
- Source code management: CVS, SVN, Visual SourceSafe, Git.
- Modeling tools: UML con Power Designer y Enterprise Architect.
- Continuous development with Jenkins and Sonar.
- With agile methodologies like Scrum, extreme programming (XP), Kanban.

Working in these projects:

- SISCON (February 2012 – March 2012). Base station for UAV, took part in all of the project phases from requirements analysis, functional analysis, and architecture design and develop of the more complex modules. Has been made with RCP technology using communication HID protocols.
- Santander Platform (March 2012 - July 2012). Several projects with security and runtime departments, making tech design and implementation of the architecture and extra functionalities.
- Bet comparator (June 2012 - January 2015), web application for bet comparing of several around the world betting houses, offering a website with free and premium services, like secure bet and value bet platforms. From the beginning as the main architect and designer and from January of 2014 as a team lead and project manager. We made the application with technologies like these:
  - GWT, JQuery, Rest for the frontend.
  - MongoDB and MySQL the storage.
  - All Spring framework like Spring Security, Spring Batch, Spring MVC
  - Liferay as a portlets container, in liferay has been made specific themes and layouts and we had to modify the core to adapt it to the GWT particularities.

- **Programmer Analyst (Panel):** May 2007 – January 2012

Main roles:

- Performing new tech documents.
- Team leader for a small team (3 people).
- Development.
- Effort estimation
- Division of labor
- Design of the unit tests and integration tests.

With these technologies:

- J2EE: Spring, Struts, JDBC, Hibernate, JMS, EJB, Eclipse, Ant, GWT, Stripes, MyBatis, Ajax.
- Test: Junit.
- Source code management: CVS, Subversion, Visual SourceSafe, PVCS
- BBDD : Oracle and PL/SQL, MySQL, PostgreSQL, Business Object
- Application servers: Weblogic, Jboss
- Continuous development with Hudson

Working in these projects:

- Viaducto – Aunorte Highways (January 2011 – January 2012). Development manager in TIBCO area, interconnects highway hardware and CRM invoicing system.
- Sedra (March 2007 – June 2008). Mobile management application for Orange mobile network that includes all network elements (antennas...) and allows management of all elements.
- Bart (January 2008 – October 2008). Management application for services hired by mobile Orange network.
- Herramienta de Cobertura (September 2008 – January 2011). Managing tool to look up the Orange coverage and hiring internet services for the final client.
- Gestor Dslam (June 2009 – October 2009). Managing and maintenance tool for the DSLAM's
- Numeración Corta (January 2010 – October 2010). Hiring tool for the orange short numbers service.
- Portal de redes (October 2008 – January 2011). Portal that allows access to all administrative Orange tools

- **Software developer (Sogeti):** October 2005 – April 2007

Main roles:

- Development in JAVA, both backend as frontend

With these technologies:

- J2EE: Servlets, JDOM, STRUTS, JMS, EJB, Eclipse, IBM WSAD 5.1, GWT, Log4J, JTA
- Tests: Junit.
- Source code management: Subversion, Source Safe
- BBDD : db4O, MySQL
- Application servers: Tomcat, WebSphere, Jboss

Working in these projects:

- MES (Movistar June 2006 – April 2007). Managing tool to check whole mobile traffic.
- C.A.C.O. (Catálogo Corporativo) (France Telecom January 2006 – April 2006) Online database modeling tool over the web that allows modification of the database from a web browser.
- Iberia (October 2005 – January 2006) Survey application that allows Iberia clients fill out their opinions about the customer care.

## Certifications

Sun Certified Programmer for the Java 2 Platform 1.4 (310-035)

Sun Certified Web Component Developer for the Java 2 Platform, Enterprise Edition 1.4 (CX-310-081)

## Extra training

Framework Stripes training course during 30 hours (February of 2011).

TIBCO and Advanced SOA training course during 40 hours (February de 2011).

Online training course HTML5, CSS and Javascript (January - March of 2014).

Online training course of Web architectures (April - June of 2014) by Coursera.

Online official training course of MongoDB (M101J: MongoDB for Java Developers) 40 hours

### **Complementary expertise**

- Programming languages: Java (Spring framework, Restfull development, ORM), Groovy, Scala, python and php basic knowledge.
- IDE: Microsoft Visual Studio 6.0/.NET, jBuilder, NetBeans, Eclipse, IDEA
- O.S.: Windows XP/2000/NT/9X (proficient user level), Linux (proficient user level), MacOSX (proficient user level)
- Database: Oracle, MySQL, MongoDB, DB2, Sql Server, Redis
- Modeling tools: ERWin, Power Designer ,Rational ROSE, Microsoft Visual Modeler, Microsoft Visio,Sybase Power Designer, Enterprise Architect.
- Source code management: MS Visual SourceSafe, CVS, Subversion, Git.
- Project management tools: MS Project
- Experience with agile methodologies(scrum, kanban and xp)

### **Languages**

- Spanish, native
- English, written and spoken