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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 programer**

Work experience

- **Senior Java Software Engineer / Java Architect (Momit): Abril 2016 – currently**

   Main roles:
   - Architecture and migrating the current monolithic application to a microservice architecture.
   - Making analysis documents and new features.
   - Develop of the new system modules and migrating the existent ones to Spring framework.
   - Managing the IT team coordining their roles and funcions.
   - Migrating the whole platform adopting a new continuous integration paradigm.

   Using these technology:
   - Java, Spring, Hibernate.
   - Databases: MongoDB, MySQL.
   - Messaging system: RabbitMQ
   - Source code management: Git, Svn.
   - Continuous integration: Jenkins, Sonar.
   - Agile devevopment: Scrum, extreme programming (XP), Kanban

   Working in these projects:
   - Momit Home/Cool (Abril 2016 – currently). Evolution of the architecture from a monolitich java application to a new microservice architecture. Migrating the whole architecture to the new technologies like, hibernate, all spring ecosystem with spring cloud and boot as a main modules of the architecture. Head of the software department defining the new architecture and supervising the work of the members of the department.

- **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 tasks of development of new integrations with carriers and improving our microservices 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 agile methodologies and TDD environment.

  We work with several programing languages but mainly with Scala and Java 8 for development, Groovy and Spock for the spec tests. From July 2015 I also work driving a remote team in Ukraine, reviewing the work and coordinating their development to be integrated into the platform.
- Packlink-pro: Working in the new microservices platform for professional clients, migrating for a monolithic platform to the new one based on microservices. Working in a functional programing role with java 8, groovy and scala orchestrated by events handled by RabbitMq messaging system. Packlink-pro is made up of several microservices like tracker (in charge to 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 the most 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, taking part of all of the project phases from requirements analysis, functional analysis, 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 over 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 lead from a small team (3 people).
- Development.
- Effort estimation
- Division of labour
- 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 Motorways (January 2011 – January 2012). Development manager in TIBCO area which act between motorway hardware and CRM facturation system.
- Sedra (March 2007 – June 2008). Mobile management application for orange mobile network that includes all network elements (antennas…) and allow to manage all of these.
- 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). Facade 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, EBJ, 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 browser, it allowed modify the database from the web browser.
- Iberia (October 2005 – January 2006) Survey application to allow Iberia clients fill 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 (April - May 2014)

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, mother tongue
- English, written and spoken