

# Angel Cervera Claudio

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**Hands-on Architect / Senior Software Engineer / Technical Lead.**  
**Senior Scala / Java / JavaEE Developer.**  
**Senior BigData Developer.**  
**Senior GIS Developer.**  
**Looking for AKKA opport.**

## Personal profile

I'm passionate about new technologies, since my very first contact with my Spectrum 64k and her BASIC tutorial.

I'm a Senior Java, Scala, BigData and GIS developer. Since 1998, I have worked on more than 50 large scale projects, mainly all in Java and related technologies.

No one is more of a Java / Scala evangelist and advocate than me.

Recently, I have been in technical positions as senior software developer and tech lead, sometimes shared with team manager, software architect and project manager responsibilities.

I'm looking for challenges in large projects for big companies and visionary startups. I bring to every project agile methodologies and desire to be with a great team.

My motto is that good software is only possible with happy developers in a great work environment.

## Skills summary

Senior in **Java / Scala technologies**, as well as rich experience in Unix/Linux environments and databases.

Experience in Test Driven Development (**TDD**).

Great experience in integrations with external platforms.

Listed below, a resume about the principal technologies used for me in different projects:

Scala, Akka, Sbt.

BigData: Spark, Hadoop ecosystem (HBase, HDFS, MapReduce and occasionally PIG and Sqoop) /

NoSQL Database: Elasticsearch / Cassandra / MongoDB / Hstore / Infinispan / BigMemoryGo / Trove / BerkeleyDB / Tinkerpop stack / Titan / OrientDB / Neo4J

GIS: Postgis / PGRouting / OpenLayers / Leaflet / Geotools / GeoServer

JavaEE stack (Java / JPA / JAXRS / EJB / Jsp / Servlets / etc)

TDD and testing: TestNG / Junit / Selenium / Qunit /

CI and build tools: ant / maven / Jenkins / Hudson / Continuum

SQL Database: Oracle / MySQL / Postgresql

Other Java related: RabbitMQ / Zookeeper / spring-integration / Apache commons libraries / J2ME / Threads / JDBC / Applets / Swing / XML / XML-RPC / Struts / Spring (spring-code, spring-security, spring-dao, spring-mock, etc.) / JavaMail / EJBs / JDO / Ibatis / Java WebStart / Web Services / JasperReports / Hibernate / etc...

Front end: JavaScript Client, JQuery, dustjs, bootstrap / XHTML 5 / HTML 5 / CSS 3

Application servers: Glassfish / Jboss / Tomcat / WebSphere / WebLogic / iPlanet / OC4J

Integration with OAUTH 2.0, LDAP, Amazon, social networks, private security systems, digital payment systems (4B, Servired, Paypal, etc) etc.

Portals: SimplexPortal / Alfresco / Magnolia / Liferay

OS: Unix / Linux (Ubuntu, Debian, Gentoo, etc)

Other languages: Scala / C / C++ / JavaScript Server / Nodejs

Monitoring tools: Ambari, Nagios, Ganglia

Cloud: Amazon AWS / Cloudfoundry

Experience in team management and interaction with people, with customers, suppliers and employees.

## Key achievements

My more meritorious project has been my own startup project: [www.simplexportal.com/en/index.html](http://www.simplexportal.com/en/index.html), a **CMS / ecommerce SAAS platform developed from the scratch**, where I demonstrate that usability and simplicity are compatible with flexibility, powerful and performance, and It's possible using standard technologies.

In last years, my key achievements have been develop large cost software for startup projects with very low resources and in short time, using technologies considered expensive, like Bigdata / GIS frameworks / platforms and JavaEE, using opensource tools and frameworks.

In 2001 I was the Java tech lead in the first enterprise project base in Java/J2EE in an important bank company (Santander Bank). My share in this project was recompensed with a 2 year contract in this company as Java tech lead in one of the more important departments (The Treasury Department).

## Employment Summary

### Fulltime Contractor / Freelancer : 2001 – Present

I started my career as Java contractor in Santander Bank and my last client is Duns and Bradstreet (D&B).

Since that time, I have collaborated in more than 50 projects, always related with Java/Scala technologies and in different customers.

Mainly, my responsibilities in most projects have been the same, responsible of good quality of code and technical decision.

This whole quantity of projects and customers have allowed me collaborated in a lot of different sector and markets, like banking, insurance, real estate, telecommunications, e-learning or e-commerce.

One of the most technically difficult project has been SimplexPortal, a powerful, scalable, easy to use and useful CMS / Ecommerce developed from the scratch, using standard technologies based in Java/JavaEE.

On August 2013, I started to work in projects related with BigData, using new technologies like Cassandra, Hadoop and MapReduce. BigData has became my main occupation.

In the last four years, I was focus on BigData projects. I was the core of the implementation and design of the Search Engine of D&B and the BigData Lake of EMC (Now Dell).

Other projects related to GIS and Big Data, like tools for data lakes, marketing and sales analysis turned me into an experimented developer in technologies and tools like hadoop, geotools, geoserver, postgis, openlayers and leaflet.

**Skills developed:** Scala, Spark, Elasticsearch, Java, JavaEE, Big Data (Hadoop ecosystem), AWS (EMR, EC2, Elasticbeasntalk, etc), Spring, GIS Opensource tools and frameworks, TDD, Scrum and basically all skills listed in "Skill summary" section.

## **Below a list of some projects as Contractor / Freelancer:**

### ***Duns and Bradstreet (D&B): October 2015 – September 2017***

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**Project: Direct + Search (API and Engine)**

**Position:** Senior Software Engineer.

Implementation of all components of the search API product, from the indexation process until the Rest API.

**Skills developed:** Agile project using Scrum, Scala, Spark, ElasticSearch, Java, AWS (EMR, Elasticbeanstalk, etc), Spring, Rest services with Jax-RS / Jersey, Python , Cascading.

### ***EMC : March 2015 – October 2015***

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**Project: BigData Lake / Metering and Monitoring**

**Position:** Senior Java Developer.

As part of an international BigData project, we built the software to recollect and show all metrics and monitoring the whole system, from the ingestion process to the analysis, gathering system information and business information.

To be able to do this, we are in contact with all team related with the project.

**Web:** <http://www.emc.com>

**Skills developed:** Java, spring-integration, RabbitMQ, Hadoop, HDSF, Zookeeper, PIG, MongoDB, Greenplum, linux (Ubuntu Server / Desktop), SVN, Junit, Maven, scrum, agile, Spring-Mvc (RestFul), Ambari, Nagios, Ganglia.

### ***EMC : March 2014 – February 2015***

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**Project: BigData Lake / ECPS**

**Position:** Senior Java Developer.

As part of an international BigData project, we built the software to recollect and analysis a large

amount of heterogeneous data files gathered from a lot of different systems. This ingestion application was designed with a set of microservices communicated via RabbitMQ. With this data, we can analyze and extract a lot of different information, like predict possible problems in EMC customer's services and devices, report usage to different platforms, etc.

**Web:** <http://www.emc.com>

**Skills developed:** Java, spring-integration / microservices, RabbitMQ, Hadoop, HDFS, Zookeeper, Sqoop, PIG, MongoDB, Greenplum, linux (Ubuntu Server / Desktop), SVN, Junit, Maven, scrum, agile, Spring-Mvc (RestFul).

### ***Real Estate Analytics : July 2013 – January 2014***

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**Project:** **elocalia.com**

**Position:** Senior JavaEE Developer / Senior GIS Developer and Technical Lead.

We built a technology platform for new Real Estate company, based in BigData, Data Mining and GIS, used in the automation of search premises and calculation of ideal places for new business, depending on the marker sector, demographic data, sociological data and public survey data.

As technical lead, I tested a lot of big data and data mining tools, always from the point view of Geospacial data.

**Web:** <http://www.elocalia.com/en/index.html>

**Skills developed:** Java, JavaEE Stack (JAXRS, JPA, EJBs, JAXB, etc), Postgresql, Postgis, PGRouting, OpenStreetMap, HStore, Geotools, Leafletjs, jquery, javascript, dustjs, Restful, html5, css3, bootstrap, Geojson, linux (Ubuntu Server / Desktop), Mercurial, Glassfish, TestNG, ant, ivy

**Other tools and frameworks tested:** Cassandra, ElasticSearch, Infinispan, BigMemoryGo, Trove, BerkeleyDB, Tinkerpop stack, Titan, OrientDB, Neo4J

### ***Silyan Software: August 2013 – January 2014***

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**Project:** **Silyan Spatial**

**Position:** Senior JavaEE Developer / Senior GIS Developer and Technical Lead.

I built a service to calculate influence areas (Driving Distance) using distributed memory graph network to obtain incredible performance and replace pgRouting solutions.

Has two different modules:

- The service used to calculate areas in real time, based in graphs.
- The Hadoop architecture to prepare optimized graph based in OpenStreetMap data.

**Skills developed:** Java, Hadoop MapReduce, Tinkerpop Blueprints, Thinkaurelius Titan, Hbase, Cassandra, OpenStreetMap, JTS (Java Topology Suite), Geotools, linux (Ubuntu Server / Desktop), Mercurial, TestNG, ant, ivy

### ***One of the most important supermarket chain in Europe: September 2012–January 2014***

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**Project:** **Retail / Franchise premises – Marketing department**

**Position:** Senior Java Developer / GIS Developer and Technical Lead.

We built a tool for automation, analysis and reports of commercial premises to calculate sales previsions and search ideal locations, based in real time, programmables and parameterizable equations.

**Skills developed:** Java, JavaEE Stack (JAXRS, JPA, EJBs, JAXB, etc), TestNG, ant, ivy, Rhino, JSR-223, Postgresql, Postgis, PGRouting, NavTeq, Geoserver, OpenLayers, jquery, javascript, Restful, html5, css3, WMS, Geojson, linux (Ubuntu Server / Desktop), Mercurial, Glassfish

## ***GeoSpatial Training: July 2012 – October 2013***

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### **Project: Online instructor in OpenSource GIS technologies**

I was the instructor in the course “Open Source GIS Bootcamp” for Spanish speakers and English speakers people.

**URL:** [http://www.geospatialtraining.com/index.php?option=com\\_catalog&view=node&id=71%3Aopen-source-gis-bootcamp&Itemid=58](http://www.geospatialtraining.com/index.php?option=com_catalog&view=node&id=71%3Aopen-source-gis-bootcamp&Itemid=58)

## ***DataCentric : February 2011 – November 2011***

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### **Project: Tuwebmap**

**Position:** Senior Java Developer / GIS Developer and Technical Lead.

We built a web application to exploit existing “big data” database with heterogeneous information. This data is related with geospatial information and users can generate new data creating new shapes and recalculating new data based on the existing.

**Skills developed:** Java, JavaEE Stack (JAXRS, JPA, EJBs, JAXB, etc), TestNG, ant, ivy, Postgresql, Postgis, PGRouting, OpenStreetMap, Geoserver, OpenLayers, jquery, javascript, Restful, html5, css3, WMS, Geojson, linux (Ubuntu Server / Desktop), Subversion, Glassfish

## ***Arcobaleno 2000 : June 2010 - December 2010***

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### **Project: www.arcobaleno2000.com**

**Position:** Senior Software Developer and Technical Lead.

We built an ecommerce and CRM solution based in first version of SimplexPortal platform, with strong integration with Microsoft Navision.

**Skills developed:** Java, JavaEE Stack, maven, Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), jquery, javascript, html, css, Geojson, linux (Ubuntu Server / Desktop), Subversion, Glassfish, mysql

## ***Meyem : April 2009 – March 2012***

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### **Project: Meyem Online / GIS Module**

**Position:** Senior Java Developer / GIS Developer and Technical Lead.

Meyem is one of the most important geomarketing company in Spain. We built the CRM, ERP and GIS application for this company. In addition to the more typical features of CRM, ERP and GIS, this application is used for planning, coordination, monitoring and reporting of leaflets distribution in all Spain.

**Skills developed:** Java, JavaEE Stack (JAXRS, JPA, EJBs, JAXB, etc), TestNG, ant, ivy, Postgresql, Postgis, Geoserver, OpenLayers, jquery, javascript, Restful, html5, css3, WMS, Geojson, linux (Ubuntu Server / Desktop), Subversion, Glassfish

## ***Silyan Software: October 2008 – January 2014***

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### **Project: SimplexPortal – www.simplexportal.com**

**Position:** Senior Software Developer and Technical Lead.

This is my more ambitious project.

It's a complete CMS/ECOMMERCE SAAS high performance solution, developed from the scratch and based in JavaEE technologies.

Started the project in 2008 after tested solutions like liferay, alfresco or magnolia, my team and I developed a CMS based in de facto standard technology. Looking for a SAAS solution and an easy SDK, we refactoring first version and removing completely Spring, Portlets, JSF and JCR, we have obtained an incredible high performance and UX platform.

**Skills developed:** Java, JavaEE (JAXRS, JPA, EJBs, JAXB, etc), Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), maven, Junit, TestNG, Oracle database, Postgresql, MySQL, Portlets, Jackrabbit, JSR170, JSR283, JSR286, jquery, javascript, dustjs, velocity, Restful, html5, css3, bootstrap, linux (Ubuntu Server / Desktop), Mercurial, Glassfish, Auth2

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### ***Panama Government : October 2008 – May 2009***

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**Project: Marina Mercante / Gente de Mar**

**Position:** Team Manager, Senior Software Developer and Technical Architect.

We work in the refactoring of applications used by Panama Government for the management and expedition of authorization cards.

We added features of I18N using Java standards.

Also, I coordinated translators and developers and for this proposed, we built an automatic process to find all resources, generate excel files, send files to translator and the reverse process.

**Skills developed:** Java, JavaEE (jsp, jstl, servlets, etc.), Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), struts, ant, Ibatis, Oracle database, Tomcat, Weblogic

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### ***Panama Government : April 2008 – June 2008***

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**Project: Biometric suitcase**

**Position:** Team Manager, Senior Software Developer and Technical Architect.

We built software for a mobile biometric suitcase (basically, a fireproof, dustproof and waterproof suitcase with a 3G netbook and various devices connected), used to capture data (fingerprint, signature, passport photo, etc), storage locally this data and send to central servers when suitcase had an Internet connection.

**Skills developed:** Java, JavaEE (jsp, jstl, servlets, etc.), Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), struts, ant, Ibatis, mysql database, Tomcat, webservices

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### ***ArcelorMittal : May 2008 – December 2008***

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**Project: Framework agreements**

**Position:** Senior Software Developer and Technical Architect.

We built the ERP used to manage and negotiation of framework agreements with commodities providers.

In this project, the main difficulty was integration between SAP, SharePoint and our application.

**Skills developed:** Java, JavaEE (jsp, jstl, servlets, etc.), Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), struts, maven, Hibertante, Sqlserver database, Tomcat, Websphere, webservices, SharePoint

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### ***Mexico Government : November 2007 – December 2007***

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**Project: Business Intelligence Module**

**Position:** Senior Software Developer and Technical Architect.

We built the business intelligence module integrated with the application used to generation and management of Mexico Passports.

**Skills developed:** Java, JavaEE (jsp, jstl, servlets, etc.), Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), struts, ant, Ibatis, Oracle database, Tomcat, Weblogic, JasperReports

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***International Council for Game and Wildlife Conservation : August 2007 – October 2007***

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**Project: CIC Wildlife**

**Position:** Senior Software Developer and Technical Lead.

We built an ERP used to management, publication and certification of international hunting trophies.

**Skills developed:** Java, JavaEE (jsp, jstl, servlets, etc.), Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), struts, maven, JDO, Mysql, Tomcat, JasperReports

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***NaturalCom : August 2006 – September 2006***

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**Project: NCRouter**

**Position:** Senior Software Developer and Technical Architect.

We built a mobile router, who get information from Anoto Digital Pen, store this information in the mobile device and resend data to specific URL when 3G connection is available.

In server, we implement a configurable proxy who process and resend data, depending of the configuration and the data patterns.

**Skills developed:** Java, J2ME, Bluetooth, RPC, WebServices, Anoto Digital Pen Technology

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***Amena : February 2006 – August 2006***

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**Project: Natural Notes**

**Position:** Senior Software Developer and Technical Architect.

We built an application based in Anoto Digital Pen Technology, who synchronize handwritten book with an online digital version (in pdf format).

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, MySQL, Anoto Digital Pen Technology

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***HCI International : April 2005 – September 2006***

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**Project: Booking tool**

**Position:** Senior Software Developer and Technical Lead.

We built a booking and ERP application for HCI International, broker between hotel chains and tour operators.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, MySQL

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***Calidad De Hogar : August 2005 – April 2006***

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**Project: Calidad de hogar**

**Position:** Senior Software Developer and Technical Lead.

We built a CRM/ERP developed for the home services contractor company, specialist in foreign personal service.

This application manages meetings, personal skills, customer request, etc.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, MySQL

### ***IP Soluciones : February 2005***

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**Project: puntoinmobiliario.com**

**Position:** Senior Software Developer.

This application was a site and a CRM/ERP for a real estate company.

I built the online search module.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Postgresql

### ***Ancades : November 2004 / January 2005***

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**Project: Inventory and Bidding**

**Position:** Senior Software Developer and Technical Lead.

We built a simplex CMS to edit the inventory and bidding of horses' ANCADES.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Mysql

### ***Cyrus : September 2004 / November 2004***

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**Project: Cyrus**

**Position:** Senior Software Developer and Technical Architect.

We built a CRM/ERP for horse studs management.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Mysql

### ***Crédito y Caución : April 2004 / August 2004***

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**Project: Technical Lead for IBM/INSA**

**Position:** Technical Architect and Technical Lead.

I was the technical lead and java expert, responsable of IBM projects in Crédito y Caución.

Mainly, we built a frontend and proxy between internal services developed in COBOL and final user.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS.

### ***Danone : January 2004 / April 2004***

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**Project: Danone Yellow Pages / Danone White Pages**

**Position:** Senior Software Developer.

We built a human resource portal and intranet with profiles and skills of employees and providers.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, LDAP

### ***Innova Solutions : January 2004 / April 2004***

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**Project: Glaciar / LogHost**

**Position:** Senior Software Developer.

We built an application for analysis and exportation of log systems.

**Skills developed:** Java, PERL



***Espasa Calpe: April 2003 / November 2003***

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**Project: Campus Home English / CEAC English**

**Position:** Senior Software Developer, Technical Quality Supervisor.

We built the first version of the elearning portal of Home English and CEAC.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, SQL Server

***IP Soluciones: April 2003 / November 2003***

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**Project: For a luxury Reale estate company**

**Position:** Senior Software Developer.

We built a CRM and real estate Portal.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Postgresql

***Santander Bank: August 2002 / February 2003***

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**Project: Security module**

**Position:** Senior Software Developer, Software Architect.

We define and develop the security standard for applications at treasure department.

**Skills developed:** Java, Swing, AWT, J2EE, JSP, JSTL, Servlets, HTML, CSS, Oracle, Weblogic

***Santander Bank: August 2002 / February 2003***

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**Project: Contract Management**

**Position:** Senior Software Developer, Software Architect.

We built an application to management and evolution control of contracts between risk and legal advice departments.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Oracle, Weblogic

***Santander Bank: April 2002 / February 2003***

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**Project: Subcontracted employees timecard**

**Position:** Senior Software Developer, Software Architect.

We built an application to management and timecard for subcontracted employees.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Oracle, Weblogic

***Santander Bank: August 2002 / February 2003***

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**Project: Warrants**

**Position:** Senior Software Developer, Software Architect.

We built an application to realtime management and monitoring of Warrants product transactions.

**Skills developed:** Java, Swing, Tibco.

***Santander Bank: November 2001 / December 2001***

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**Project: Fixed income securities management**

**Position:** Senior Software Developer, Software Architect.

We built the software user to manage the product "Fixed income securities" for wholesalers brokers.

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Oracle, Weblogic

### ***Santander Bank: April 2001 / November 2001***

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**Project: Equity funds management**

**Position:** Senior Software Developer, Software Architect.

We built the software user to manage the product “Equity funds” for wholesalers brokers.

This was my first project as Freelance and the first project developed in Santander bank using java technologies. But Java is here to stay!

**Skills developed:** Java, J2EE, JSP, JSTL, Servlets, HTML, CSS, Oracle, Weblogic

### ***A large list of projects : 2001 – Currently***

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**Position:** Senior Software Developer and Technical Architect.

Above I explain briefly the more important and recent projects, but since 2001 I have collaborated in approximately 40 projects related with different sectors like banking, telecommunications, government, insurance, engineering and real estate.

I worked in important projects and companies, like *Panama Government and Mexican Government biometric projects* in 2008 or *Santander Bank equity and debt securities management software* in 2001.

### **The Principality of Asturias : 2006 – 2007**

**Project: asturias.es**

**Position:** Senior Software Developer and Technical Architect.

In this parenthesis as Freelancer, I was member of “The core team”, a selected twelve people team, responsible for the architecture and framework used in all applications developed for the government of The Principality of Asturias.

**Skills developed:** Java, JavaEE, Spring (spring-code, spring-security, spring-dao, spring-mock, etc.), maven, Junit, Ibatis, Oracle database, Oracle Application Server (OC4J), Oracle BPEL, Portlets, Vignette

### **Qarana Solutions : 2000 – 2001**

**Position:** Software developer / Team Manager.

In two years, and starting as a software developer I became the team manager in an important project for Patagon.

Thanks to the philosophy of the company, in that time I learned a lot about new trending of software development.

In this company, I collaborated in 3 different projects:

- **Diversia:** Ecommerce, worldwide leader, specialist in DVDs, books y CDs, using Broadvision Javascript server side and oracle technologies.
- **Banca Credem:** Home banking developed in Italy using Broadvision Javascript server side and oracle technologies.
- **Patagon Aggregator:** Multi-bank Portal (aggregator) for Patagon using Java.

**Skills developed:** Java, ant, Javascript Server Side (With broadvision), Oracle database

## Indra : 1999 – 2000

**Position:** Software developer.

I worked in the migration of large part of the computerization of Telefónica, from a COBOL/DBASE system to C++/Oracle, developing a complex and large batch process for big data manipulation. Sometimes younger people think that Big Data is something new, but this is an example of Big Data in the past century! And yes, using technologies of the past century. **Wish we had Hadoop!**

**Skills developed:** C++, Visual C++, Oracle Database, PLSQL, DBASE, Big Data.

## Xtrem : 1998 – 1999

**Position:** Software developer.

This was my first project as retributed developer. Basically, the project was computerizing of a department of “El Corte Inglés”, an important Spanish company.

It was a typically three layer architecture based in Microsoft Technologies.

**Skills developed:** C++, Visual C++, MFC, Cristal Reports, SQL Server.

## Education Summary

- Technical Engineer Bachelor Degree (3 years / 1998) in Computer Systems / Extremadura University (Spain). I need present the final project, but I have a lot of important things to do.

## Formal Training

- Functional Program Design in Scala - [Coursera Course Certificates](#), License 3ZX7QRANZT3P October 2016
- Functional Programming Principles in Scala - [Coursera Course Certificates](#), License HBANJ8XFV MKQ September 2016
- Shaping up with Angular JS – Code School December 2015
- M101: Mongo DB for Java Developers – Mongo DB University August 2015
- Scrum Manager Certificated – June 2011 / 16 hours. <http://www.scrummanager.net/perfil-de-usuario/userprofile/angelcervera>
- Oracle BPEL – 2006 / 1 day

## Other personal projects.

### ***Osm4scala : December 2016 – Currently***

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**Project: Osm4scala**

**Position:** Senior Software Engineer.

Scala library focus in parse and manipulate PBF2 OpenStreetMap files.

**Web:** <https://github.com/angelcervera/osm4scala>

**Skills developed:** Scala, OpenStreetMap, Sbt.

### ***Spatial Network Labs : August 2015 – Currently***

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**Project: Spatial Network Labs**

**Position:** Senior Software Engineer.

Implementation of a server to improve different algorithms over spatial networks and concurrent / parallel processing.

**Web:** <https://github.com/angelcervera/spatial-network-labs>

**Skills developed:** Scala, Akka, Sbt.

### ***Maifeed : February 2015 – July 2015***

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**Project: MaiFeed**

**Position:** All possible technical roles :)

Maifeed is a free “reader” dedicated to Facebook Fan Page posts. When a person following your Fan Page subscribes to Maifeed, we deliver 100% of your post to them.

In this moment, we are in the first stage of the startup project.

**Web:** <http://maifeed.com/>

**Skills developed:** Java, JavaEE (JaxRS, EJB), HTML5/JavaScript, Titan Graph Database (Cassandra / ElasticSearch), TinkerPop Blueprints Graph Stack, Facebook API, OAuth 2.0

### ***Dust-fw***

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**Dust-fw** is my own new architecture based in a complete decoupling of the user interface and the backend. This Architecture is based SOAP, but using RestFul and a simplification of messages. This architecture has been used in my last three projects with successful in conjunction with dustjs and JAXRS

### ***Berta***

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**Berta** is a data-driven design tool that transform a simple set of XML metadata files in a complete JavaEE application. Thanks to this tool, a lot of projects (mainly ERPs and CRMs) have been able to implement in a very short time (approx, 80% that with other methodologies and tools).

## Other interesting links.

Personal WEB: <http://www.acervera.com>

Stackoverflow: <http://stackoverflow.com/users/248304/angelcervera>

Gihub: <https://github.com/angelcervera>

Linkedin: <http://www.linkedin.com/in/angelcervera>

Twitter: <https://twitter.com/angelcervera>

## Languages.

**First language:** Spanish.

**Other languages:**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C2	B1	B2	C1