



WORK EXPERIENCE STRATIO Madrid Sep 2017 - Jan 2020	•	Software arch I participate in project to NC @NCOlopleid
		scalable micro perform Extra differents sou external norm by a referral si best possible is knows about it The idea is to architecture of CQRS pattern
		Segregation, s segregate the system so that independent of the system so that independent so the system so that is a segregation, so that is a segregation of the system so that is a segregation, so that is a segregation of the system so the system so that is a segregation of the system so the
		series of steps (machine learn architecture to recommendat I was in charge distributed are in the selectio implementation classification. I am using java technologies I mesos, kafka, develop by Sti
STRATIO Badajoz Jul 2019 - Jan 2020		Reasearch and In my free tim projects, at th An scalable ev based on apac using kafka as
		persistence er GitHub. I start fellow data sc tweaks. https://github. recommendat A proof of cor variable stars telescopes. Th map to create https://github. I have also be deeplearning/ https://github. A scalable orc architecture in
		bitcoin quote outside reque elastic-search https://github. https://github. Also I have be on a project to euromillions a very useful be with the funct appeared with I have particip Streams of the and the code. Https://github
KEEDIO Madrid Nov 2016 - May 2017		Big Data enging I have participed integration of Banco Santand by the central to fall, Basilea The idea is to unstructured of the credit risk
		Apache Flume intake in avro lake, then we the consolidate parquet, which of Hive tables that is responsionarchitecture, engines that a finally create a The technology some of java, shell scripts.
		create a utility correction in a works spark to qualitatively the words, a method correct, doing mechanisms of the latest of the
MYSELF/TRAINING Badajoz Feb 2016 - Nov 2016		Big Data Engin I have been st courses, like le BigDataUnive Andrew Ng ar architectures
		As a result of projects hoste time using aparanosql databas another project learning algoriengine. This paranosql the Scalhttps://github.https://github.scala-apphttps://github.recommendat
SYNERGIC PARTNERS Madrid Nov 2015 - Feb 2016		Big Data Arch My task is to d different clien alone. I have particip Santander and them, and and Vanguardia, as we have in the The cluster is learning scala BigDataUnive
TEKTRONIX Madrid Sep 2014 - Jun 2015		Big Data Engin A BigData pro telecommunic show on a ma telecommunic I design a tool from different to SQOOP for and a tool des coordinated in of the archited which Apache each of the lay
MYSELF/TRAINING Badajoz Jan 2014 - Jul 2014		Big Data Engil I have develop with map red datos.gob.es a Another projed data on a web integration, rajquery. The puknow where a that every per by google map I made another rabbitmq broken
		bit of html5, jo project is to sa I started my o aironman2k.w Apache Spark technologies I mongodb.
NAEVATEC/KURENTO Madrid Aug 2013 - Jan 2014	•	Software Engil I developed the for a whatsape couple of Contechnology was and bouncy cand Xcode for implementation RESTFUL web MVC. The service is Hospital Niño http://www.mpagename=Ho
JORGE CALVO LAW OFFICE Badajoz Jan 2013 - Aug 2013		Partner and C I developed a creating dema tenants of a n openxava fran
SMARTBUYER Badajoz Jul 2011 - Dec 2011		CEO/CTO I built an IOS5 use of geo-loc services. After decided to cre businesses to the smartphor services on the technologies of apache CXF R XML as a med HashMaps con the customer accounting en
ATSISTEMAS/OCASO		engine to laun updates on th MYSQL as an pending to up connector like
INSURANCE Madrid Jan 2011 - Jun 2011		I implemente Research Reco The technolog Rational, Web jdk1.6, Clear C client was the Spain and the apostille. I use own Spring M and use of cac
ATSISTEMAS/ING Madrid Sep 2010 - Dec 2010		Software enging My job was to Edition in a procould store the system crash. community we that would all. The solution wand modificat
ATSISTEMAS/PEUGEOT Madrid Jan 2010 - Aug 2010		Software Engi My job was to business servi management i project involve weak points a Technology us SpringJDBC for that have inject I also designed distributed ca on the use of iterating over Message Serv (To perform th
SADIEL/SES Merida Oct 2009 - Jan 2010		Software enging A project for the dependence the would meet the development based on a frankttp://www.ju
ALTEN/L'OREAL Madrid Mar 2009 - May 2009 ALTEN/CECA		Systems Engin I performed the about 80 mac well as individent
Madrid Jan 2009 - Mar 2009 ALTEN/FOGASA Madrid		I conducted sa software that banks, using J leak problems Software Engi Telematic proj
Madrid Nov 2008 - Dec 2008 ALTEN/TELEFÓNICA Madrid May 2008 - Nov 2008		Telematic proj Collaborate of adding a serie electronic sign and stamp. FN Software Engi Technology co testing, techn Project e-man project I work
ALTEN/YELL SPAIN		to design and on Java, learned Websphere Se well as its man mixed with did better knowled closely with IE. Software engineering to the service of the servi
Madrid Aug 2007 - Aug 2008		Consultant, D Implementation architectures of the yellow www.paginass R & D / Enha
INDRA/AVIVA Badajoz Nov 2006 - Jul 2007		Software enging Developer, R&Builder project proprietary and technology his In this project implementation applications for HYPERLINK "http://www.ava.es/es/corpordera software"
INDRA/RED ELÉCTRICA DE ESPAÑA Badajoz Oct 2006 - Nov 2006		Software engi Developer, tes REE-ARAP Pro http://www.re Users Mainter system. Indra software
INDRA/AMAEF Badajoz Jun 2006 - Oct 2006		Software Engi Develop with insurance cou Intensive use with a good cl single sign on, Indra software http://www.ar

(machine learning), my colleagues and me built this recommendations to the students of the university. in the selection of deep learning algorithms and implementation of the different phases for classification. I am using java, spring-boot, spring-cloud mesos, kafka,and a distributed postgresql port Reasearch and development In my free time i developed some open source 9 - Jan 2020 An scalable event-oriented recommendation engines based on apache spark deep learning algorithms, using kafka as an event engine, mongodb as a persistence engine, written in scala and published in fellow data scientist from Stratio, I've given it a few https://github.com/alonsoir/awesomerecommendation-engine A proof of concept designed to detect and classify 16 - May 2017 /TRAINING L6 - Nov 2016 IC PARTNERS 15 - Feb 2016 NIX L4 - Jun 2015 /TRAINING 4 - Jul 2014 mongodb. **EC/KURENTO Software Engineer** 13 - Jan 2014 implementation of the command pattern over a set of http://www.madrid.org/cs/Satellite? CALVO LAW **Partner and CTO** I developed a project for industrialize the process of .3 - Aug 2013 BUYER CEO/CTO I built an IOS5 based application that makes heavy 1 - Dec 2011 use of geo-location and consumption of Web XML as a mechanism for exchange of information, updates on the map, hibernate as a persistence and MAS/OCASO NCE 1 - Jun 2011 MAS/ING Software engineer 10 - Dec 2010 MAS/PEUGEOT **Software Engineer** .0 - Aug 2010 iterating over this cache and implentacion Sun's Java (To perform the quality and performance report I SES Software engineer 09 - Jan 2010 **Systems Engineer** L'OREAL 09 - May 2009 CECA **Software Engineer** I conducted safety audits of electronic banking 9 - Mar 2009 **FOGASA** 08 - Dec 2008 TELEFÓNICA **Software Engineer** 08 - Nov 2008 Software engineer. YELL SPAIN 07 - Aug 2008 AVIVA Software engineer 06 - Jul 2007 "http://www.aviva.es/es/corporativa/"http://www.avi RED ELÉCTRICA DE 🌘 Software engineer 06 - Nov 2006 http://www.ree.es/ AMAEF **Software Engineer** 06 - Oct 2006 insurance could communicate with each other. **INDRA Software Engineer** Badajoz May 2006 - Jun 2006 made a port of a use case VFINCA a JSF project. **INDRA Software Engineer** Badajoz Feb 2006 - May 2006 TELENIUM/IBERMUTUAM • Software Engineer UR Madrid Oct 2005 - Jan 2006 SICONET/MAPFRE Madrid Mar 2005 - Oct 2005 AREA 10 Software Engineer Badajoz Sep 2004 - Feb 2005 **EDUCATION** POLYTECHNIC SCHOOL Ingenieria técnica informática de sister **OF CÁCERES** Cáceres, Spain 2004

which Apache Spark is used to calculate the noise in each of the layers of the tree. The related technologies are Java7, apache spark, Apache Camel, Apache Impala, Hadoop, Spark, maven, postgresql and GNU/ linux. Big Data Engineer I have developed a some proofs of concepts related with map reduce task with the data provided by datos.gob.es and Facebook data. Another project related with how to get real time data on a web broser using web sockets, spring integration, rabbitmq with stomp support, html5 and jquery. The purpose of this proof of concept is to know where are the different buses of Dublin city, so that every person can see the bus in a map provided by google maps. I made another project, with mongodb, spring mvc, rabbitmq broker message with stomp support and a bit of html5, jquery and css3. The purpose of this project is to save different events provided by a user.

I started my own tech blog,

aironman2k.wordpress.com and i started to learn Apache Spark, with cloudera, how to use it with other technologies like apache kafka, apache flume,

I did some courses from BigDataUniversity.com.

I developed the core of a set of restfull web services

for a whatsapp type service, also i had to develop a couple of Controllers using iOS and XCODE. The technology was a mix of j2ee 1.7, spring*, hibernate and bouncy castle for the java core and objetive C

and Xcode for the iOS app. The core is an

Hospital Niño Jesus from Madrid

openxava framework.

RESTFUL web services implemented with spring

The service is deployed and ready to use for the

pagename=HospitalNinoJesus/Page/HNIJ_home

creating demand on payment arrears with delinquent

tenants of a neighboring community or rural. I used

services. After I finished developing the application, I decided to create a complete solution that allows businesses to buy products at a physical store using the smartphone's camera to read barcodes and Web services on the server. On the server side, the technologies used on the implementation were apache CXF RESTful web services, JSON and / or

HashMaps competing for a cache in which to save the customer information, items to sale and the accounting entries from the sale of items, - a thread engine to launch the consultation request and / or

MYSQL as an engine for data persistence. I have pending to upgrade the system with a NON SQL

I implemented operational functionality, such as Research Records, Dispatch management legal advice

and use of caches, specifically EHCache.

The technology used is Spring MVC, ajax, hibernate, Rational, Websphere 7, jquery, prototype, WAS7, jdk1.6, Clear CaseNovember 2010 March 2011The client was the Ministry of Justice, Government of Spain and the task was to develop the electronic apostille. I used a framework based at the ministry's own Spring MVC, Spring WebFlow, hibernate, ajax

My job was to tune and customize Alfresco Comunity

Edition in a production environment so that the client could store their web pages, could autodeploy if system crash. This feature does not have the

community version and asked me to devise a solution

The solution was a mixture of bash shell scripts, Cron and modification from sources project from Alfresco.

My job was to design and implement a range of business services related to how quality

management is performed at their factories. The project involved drafting a quality report indicating weak points and strong points of the architecture. Technology used - Spring framework, namely SpringJDBC for the persistence layer, j2ee services

I also designed and implemented a concurrent and distributed cache adapted to customer needs, based on the use of ConcurrentHashMap class, threads

Message Services to let persistency over the data.

A project for the Department of Health and

would meet the needs of all stakeholders in

relied on the use of the tools Google Page Speed and

dependence to define a development framework that

development teams. The project took off as mades, is based on a framework of the Junta de Andalucia. http://www.juntadeandalucia.es/xwiki/bin/view/MA

I performed the installation and configuration of

software that is being implemented in the savings banks, using JMeter and JProbe to detect memory leak problems as well as performance issues

Telematic project for a Wage Warranty Fund.

and stamp. FNMT http://www.fnmt.es/

testing, technical leadership.

Consultant, Developer, R&D.

www.paginasamarillas.es

Developer, R&D and testing.

va.es/es/corporativa/

Developer, testing.

http://www.amaef.es/

Data base admin, J2EE coder.

Analyst, Developer.

Software Engineer

Programmer Analyst Jr

Administrative Centres).

And Ibermutua customers.

management

Collaborate on product integration functionality by adding a series of web services that provide

electronic signature with national manufactures coin

Technology consultant, research and development,

Project e-marketplace Telefonica R & D. In this project I work as a consultant, especially much R & D to design and implement an SOA architecture based

on Java, learned to handle the java api and Websphere Service Registry (WSRR) from IBM, as well as its management interface, web services Java, mixed with different access databases, in addition to better knowledge of English because I had to work

closely with IBM consultants foreigners.

Implementation of several J2EE-based SOA

of the yellow pages and white pages.

R & D / Enhancements and features.

architectures for use in a new version of the website

Builder project / Implementation of maintenance of proprietary architecture based on AndroMDA technology http://galaxy.andromda.org/ In this project I work on technical design and implementation of a number of cases of end user applications for AVIVA, asurance business

Indra software labs, Badaioz, Badaioz, Spain.

REE-ARAP Project (Spanish Electricity Network)

Users Maintenance DIRA integrated proprietary

Indra software labs, Badajoz, Badajoz, Spain.

Develop with Indra a solution for banking and

Indra software labs, Badajoz, Badajoz, Spain.

Intensive use of web services and caching resources with a good class design using patterns like singleton, single sign on, facade, aggregation, data access object

R & D in Java Server Faces, Java Studio Creator 2, we

VFINCA Project, Securities and investment funds.

IB Training Project: System user multi user

Project ST-CAT (Work System for Territorial

Technologies: Java/J2EE, JSP, JDBC, Servlets, JavaBeans, EJB, XML, XSL, Eclipse, WSAD, UML,

national network of Mapfre Mutual. Development and design tco.

Architecture mapfre version 2.

centers throughout Spain.

the databases and generate a q19.

Maintenance and expansion of the website

with php, html, css, javascript and mysql.

Developer

{ACK}

Finished

hours),

Carlos Renteria,

hours),

finished yet.

Finished

SKILLS

HIBERNATE

JAVA

HTML

SQL

GIT

SPARK

HADOOP

CLOUDERA

IOS CODING

HUDSON

JMETER

SELENIUM

GNU/LINUX

HOBBIES

UNTITLED

Oct 2019 - Jan 2020

Badajoz

PYTHON

AKKA

FLINK

Multi-entity for the management and treatment of collections at offices and workplaces across the

Development of a range of applications in visual basic 6 with their design of databases on Access2k: a complete application for inventory control and another to consult on the set of distance learning

Application Development in Visual c + +. The first data to insert that came home in q19 format and insert them into a DB in Access 2k and other MySQL DB. The other application was to extract data from

"http://www.area10.es/" www.area10.es, developed

Masters Java/J2EE-Oracle-XML (352 hours)

 Web Services Programming Course (94 hours), IOS 5 course (90 hours), PHP, JAVASCRIPT, HTML (750

• Introduction to MapReduce Programming, with

• Hadoop Fundamentals 1 - Version 2 with Keith McDonald, Akmal B. Chaudhri, Bradley Steinfeld,

• BigDataUniversity.com ((40 hours)), Stream Computing 1, with Martin Siegenthaler, Robert

 Machine Learning Course, from Andrew Ng, Stanford College, Coursera.org (480 hours) Not

• Master Big Data Expert, from Fernando Agudo Tarancon, formacionhadoop.com (150 hours)

SPRING FRAMEWORK

APPLICATION SERVERS

JUNIT TESTING

JAVASCRIPT

BIG DATA

KAFKA

MAVEN

JENKINS

JPROBE

SCALA

SCIENCES, VIDEOGAMES, READING SCI-FI, GRAPHIC NOVELS,

BASH SCRIPTING

CASSANDRA

DEEPLEARNING

CONCURRENT PROGRAMMING

APACHE SOFTWARE PROJECTS

text and code reviewer of a book on Kafka Stream

I reviewed the code and text of some chapters on how to stream with Kafka, Flink, Spark Streaming, as well as KafkaStreams. I added notes, improved the text, fixed the source code among other tasks. Very

for Packt Publishing. Pending release.

instructive task, I loved it, really.

• BigDataUniversity.com. (40 hours), Introduction to Scala, with Jamie Allen, BigDataUniversity.com (40

Uleman, Anjali Agarwal, Rachit Arora,

• Specialized Coursework Advanced Java Programming Course (42 hours,

Glen Mules and Warren Pettit, BigDataUniversity.com (40 hours),

http://www.ibermutuamur.es/ medical assurance.

well as individual configuration.

Software Engineer

about 80 machines with their OS and office suites, as

that have injected the damages.

connector like spring-data project.

Software engineer

that would allow.

map to create routes in interstellar space. https://github.com/alonsoir/demo-dl4i I have also been researching the use of api deeplearning4j for facial recognition. https://github.com/alonsoir/demoFaceRecognition A scalable orchestration-based microservice architecture in order to periodically interrogate the bitcoin quote and make it available for multiple outside requests. I used java, spring-boot, kafka, elastic-search and docker. https://github.com/alonsoir/demo-kafka-elastic https://github.com/alonsoir/demo-quartz Also I have been working during the end of the year on a project to try to find out the numbers of the euromillions and the primitive, with little success but very useful because it has allowed me to practice with the functional style of the api stream that appeared with the jdk8. I have participated in the review of a book on Kafka-Streams of the Pack Publishing house, both the text and the code. Https://github.com/alonsoir/KafkaStreaming. Big Data engineer I have participated in the development and integration of a lambda architecture created for Banco Santander in order to apply a solution imposed by the central banks to these systemic banks too big to fall, Basilea 4. The idea is to process multiple sources of unstructured data To finally arrive at a calculation of the credit risk of the bank Santander. For this we need the use of a series of components, such as Apache Flume and Apacha Kafka for the raw data intake in avro format in the landing zone of the data lake, then we have a series of engines in charge of the consolidation of the avro files in other format, parquet, which would then be exploited in the form of Hive tables in the integration with the company that is responsible for the exploitation of architecture, enrichment engines, user view creation engines that are also used for a Last phase where we finally create an excel file. The technologies used are scala as first language, some of java, hadoop, cloudera, spark, kafka, flume, shell scripts. My concrete participation in this project was to create a utility to create files parquets, validation, correction in case of error, parts of the api, as a set of works spark to validate quantitatively and qualitatively the architecture delivered, In other words, a method to check that the software is correct, doing the calculations correctly, applying mechanisms designed by the bank, using scala. I develop too the part of api responsible for making necessary currency conversion, since the solution delivered is designed to be executed generically for all delegations of the Santander bank in the world, sixteen today. Finally I was also in charge of integrating the software in the place of exploitation chosen by the Bank. **Big Data Engineer** I have been studying and doing various training courses, like learning scala more seriously with BigDataUniversity, machine learning with Professor Andrew Ng and Apache Spark and hadoop architectures using a formacionhadoop.com course. As a result of that training I have written a couple of projects hosted on github to treat tweets in near real time using apache kafka, apache spark and some nosql databases like mongodb and Cassandra and another project about how to implement machine learning algorithms (ALS) for a recommendation engine. This project uses Apache hadoop and Apache Kafka and apache Spark, both projects are developed using the Scala language. https://github.com/alonsoir/hello-kafka-twitter-scala https://github.com/alonsoir/cassandra-spark-twitterhttps://github.com/alonsoir/awesomerecommendation-engine **Big Data Architect** My task is to design big data architectures for different clients of Telefónica and synergic partners I have participated in the initial proposal for Santander and OpenBank developing a book for them, and another proposal for a local newspaper, La Vanguardia, as well as maintaining the training cluster we have in the company. The cluster is handled with Cloudera Manager. I am learning scala and big data programming skills with BigDataUniversity.com in my free time. **Big Data Engineer** A BigData project related to the field of telecommunications. The final goal of the project is to show on a map the incidents in real time based on telecommunications optical fiber of a big city. I design a tool similar to Flume for doing ETL tasks from different locations and source files, a tool similar to SQOOP for doing ETL from different SQL engines, and a tool designed to manage the orderly and coordinated invocation of the different components of the architecture, in which there are phases in

Badaioz

Software architect/Data Engineer

project to NCOI (NCOI Opleidingen,

knows about them.

I participate in the design and development of a

@NCOlopleidingen), designing and developing a

scalable microservices architecture to be able to perform Extract Transform and load data from

external normalized databases. These data are used

by a referral system so that college students get the best possible referral based on what the college

differents sources using json, csv, txt files and

The idea is to design a scalable distributed

architecture of data consumption following the CQRS pattern, Command Query Responsibility

Segregation, so that following this pattern, I can segregate the writes and readings in a distributed

system so that the writes go to a cluster of data independent of the other cluster of data readings.

Together with the use and implementation of an architecture based on microservices dockerized and

managed with Mesos following the Orchestrator

architecture to give the best possible

pattern to manage the distributed transactionality

I was in charge of designing and implementing the

technologies like Eureka, Ribbon, Feign, docker,

projects, at the same time i was hired by Stratio.

GitHub. I started a time ago, with the advice of my

variable stars in stellar images taken by radio telescopes. This type of stars allows you to create a

develop by Stratio.

distributed architecture and my fellow data scientists

inherent to each of the microservices together with a series of steps based on classification algorithms

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