

Iván Corrales Solera

Full stack Architect / Technical Lead

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<http://www.wesovilabs.com>

I am a full-stack architect whose passion lies in building great products while enabling others to perform their roles more effectively. I have architected and built horizontally scalable back-ends a top NoSQL DBs; distributed RESTful API services; and web-based front-ends with modern, highly interactive Ajax UIs.

Great experience leading technical teams and assisting them to do their best,

Very interested in functional programming, micro services architectures, cloud computing, agile collaborative practice, and programing languages such as Go, Elixir, Scala.

Last months focused on learning about deep learning and doing some researches with Tensorflow.

Understanding software as a craft and very concerned about the quality of the code.

Links of interests about me

- Slideshare presentations: <http://es.slideshare.net/wesovi>
- LinkedIn posts: https://www.linkedin.com/today/author/0_2-Lse5rpKi3N5r0Bc_A8oh
- Github repositories: <https://github.com/wesovilabs>
- LinkedIn: <https://es.linkedin.com/in/iván-corrales-solera-0b90881b>
- Sites: <http://www.wesovilabs.com>

About me

After many years developing Software in my free time I've decided to launch myself as a company. I have multiple posts and public code hosted on Github by wesovilabs.

Collaborations

As a freelance I am collaborating on multiple projects with other companies. Leading technical teams but also dealing with Business leaders to provide them with Technical Solutions for their needs.

Education platform

This is a micro services based application that will be deployed onto the the cloud. Micro services are mainly developed in Java and I am making use of Netflix suite to take advantage of service discovery, load balancing and circuit breaker.

In regards to the front-end side I am developing reusable front-end components with React and Redux and following material design implementations.

Taking advantage of Docker containers to achieve delivery continuous but also to run acceptance tests. Writing acceptance tests with Gherkin and implementing them with Cucumber.

Among other technologies I would like to enumerate the following: Postgres, Mongo, Rabbit, Eureka, Zuul, Hystrix, Spring Boot, Spring Security, React, Redux, Cucumber, Docker, Docker-compose

Exkorpion, a BDD framework for Elixir

Recently I published a BDD library for Elixir developers, the detail can be found on the following link

<https://github.com/wesovilabs/exkorpion>

Software Architect at Banco Santander

- Leading development for Application Lifecycle Management tool.
- Developing front end applications with Webpack, React and Redux and following material design practices.
- Developing asynchronous microservices with Java Spring Cloud. Microservices are deployed in docker containers which are orchestrated by docker-compose.
- Integrating backend with 3th API's such as Jira, Gitlab, Jenkins
- Building Jenkins templates to provide developer teams with a CI as a service

April 2016 – so far

Microservices, SpringBoot, Spring Security, Spring Cloud, React, Redux, Docker, REST, Webpack, Node, NPM, Maven, GitLab Jenkins, Sonar

Quality Assurance Specialist / Software Architect at BBVA

- Being a full stack tech lead .(Bcckbone, Ember, Java, Cucumber, Capybara, Ruby, ...)
- Assisting developers and QA'a in best practices for TDD and BDD
- Diagnosing issues in agile teams and assisting SM, BA and PO in agile methodologies.
- Identifying talent in the teams.
- Working under SAFE (Scaled Agile Framework) paradigm
- Promoting learning activities, multidisciplinary teams and building a greenfield environment.
- Dockerizing applications to get developers a better environment.

August 2015– April 2016

Cucumber, Capybara, Ember, JS, Atlassian, Scrum, SAFE, QA, Learning activities, BDD, TDD, Qunit, Karma, Java, Docker, Git, Gitflow, Backbone, Sellenium, Spring boot, microservices, Flume

Software Architect / DevOps at Banco Santander

- Creating the working environment and infrastructure for future developments.
- Evangelizing development teams on scrum and best practices in development.
- Being responsible for Tests infrastructure.
- Implementing a logs monitoring system in real time easily customizable for any app.
- Working close to the architecture team and assisting developers.

January 2015 – August 2015

GoCD, Cucumber, TDD, BDD, Google Cloud, Docker, Kubernetes, Java, Microservices, Stash, Gradle, NodeJS, Flume, Elasticsearch, Kibana, Git, Gitlab, Taiga

Software Architect at Bankia

- Being responsible for leading development teams.
- Adapting activiti bpmn engine to the bankia business requirements.
- Implementing hypermedia Restful API to be consumed by other applications.
- Very focused on application performance
- Doing Pair programming and performing code reviews in order to ensure the Software Quality.

April 2014 – January 2015

Spring Boot, Spring MVC, BPMN20, Activiti, HAL, Hypermedia, REST, Cucumber, Scala specs2, scalatest, H2, Gatling, Atlassian suite, git, hateoas, EhCache, Mongo, Jersey

Software Architect at ONCE

- Implementing SOA architecture using Oracle SOA Suite
- Designing, analysing and developing LDAP (ADAM) for ONCE application users.
- Developing complex modules for the architecture.
- Assisting developers and members of the architecture team.
- Implementing a batch process engine.
- Implementing a custom classloader.

October 2013 –March 2014 / November 2010 – May 2012

Java EE, SVN, Oracle Weblogic, Oracle, PL/SQL, BPEL, LDAP, ADAM, UML, EhCache, EJB

Senior Software Engineer at Synchronoss

November 2012 – August 2013

- Implementing new functionalities for the Synchronoss white label software platform which powers cloud-based services for storing, sharing, accessing and organizing digital content. Working on an agile environment.
- Writing technical documents (UML) from the functional requirements.
- Working close to the QA Team and

Java EE, perforce, Spring MVC, Spring Restfull, Spring WS, Camel, EIP, Axis, CXF, Tomcat 7, Maven, Unix, Google Guice, Python, Grails, Selenium, Jackson, Jersey, Atlassian suite.

Senior Software Engineer at Fujitsu

May 2012 – November 2012

- Implementing new functional requirements and bug fixing for telecom companies management application. Customizable application for different telecom companies such as O2, Giff Gaff, 48 or Tesco Mobile.
- Analysing and writing technical documents (UML) from the functional requirements.
- Bug fixing and developing changing requests.

Java EE, SVN, CVS, Spring MVC, Spring Security, Spring Restfull, Spring WS, Axis, Quartz, JSF, JBoss 7.1, Tomcat 7, Weblogic 10.1, Maven, Hibernate, JPA, Unix, Ant, Ibatis

Bank consultant in J2EE at Banco Santander

February 2010 – November 2010

- Developing a credit risk data warehouse for ISBAN (Santander Bank) with Informatica Powercenter.
- Main activities and responsibilities
- Automating the generation of Powercenter's diagrams and workflows through a Java application developed by myself which takes the requirements from several Excel documents.

Powercenter, Java, Maven, XML, XSLT, DOM, XPATH, POI

Senior Software Developer at Kotasoft

August 2008 – January 2010

- Involved in analysing, designing and developing many applications for multiple clients such as TVE, CNP Vida, Almira Labs among others. During this period I worked with a big variety of technologies since each client required different products.

J2EE, Maven, Ant, XSLT, XML, SVN, Tomcat, Struts 1, Spring, Hibernate, JPA, PostgreSQL, JBoss, Apache Tomcat, SVN, Maven, Struts 2, Spring IoC, Spring Aspects, Hibernate, JPA, Ibatis, ...

Software Developer at Burke

February 2008 – August 2008

- Developing security filters for integration with J2EE applications in Public Administration at the Ministry of Finance of Spain
- Developing Web applications for Public Administration.

J2EE, Ibatis, Apache Tomcat, PL/SQL, Struts 1, Oracle, Axis 1, .X509, PKI, Spring IoC, Spring WS, Tiles, SVN

Software Developer at UCM

May 2007 – February 2008

- Working on Research and Development University department developing a software for companies management.
- The application contains an administration module which allows configuration and customization the software for each company
- Developing application modules Business management

J2EE, Swing, Hibernate, JBoss, Netbeans IDE, Javamail, SVN