

# RÉSUMÉ - CURRICULUM VITAE

## PERSONAL DATA

Candidate: **Marimon-Clos Sunyol, Ignasi**  
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## ACADEMIC DATA

2009 PostGraduate – IT Project Management (UPC/Barcelona)  
1996-2002 Telecommunication engineer. (ETSETB – UPC/Barcelona)

## LANGUAGES

Spanish & Catalan (100%) – English (90%) – French & Italian (45%)

## PROFESSIONAL EXPERIENCE

since jul'13	<b>Freelancer (Scala – Scrum Master – Coach).</b> Ignasi developed Scala-Play!, scala over servlets, Java8 and spray-akka-slick webapps paying special attention and effort on the performance and JVM tuning. He also got Apache Spark Dev Certification and provided some training on the topic to few customers. As a coach he mentored a 3 <sup>rd</sup> party technical department of 15 into applying eXtremme Programming practices to their SDLC and he also helped a team of 4 refactor a 50k LOC with a 40x gain in performance.
dec'12-jul'13	<b>Scytl. (Director-Architect).</b> With an impact on a 25 people team working on the next generation cryptographic protocols for voting platforms, Ignasi focused on performance issues and management of high volumes of data (millions of crypto-items). Other tasks included new product (API-based) definition and implementation (RBAC, auditability, elasticity, journaling...). Reviewed recruiting process including Pair-Programming Interviews for Sw Engineering positions and suggested Hands-On Interviews for other interviewing processes. Implemented Kudos Cards to provide and promote positive feedback.
dec'09-dec'12	<b>Scytl. (Technical Manager).</b> Acting as PM and participating in recruitment. Defined Technical Leads roles. Responsible of cross reviewing all 4 product families. Acting as a pivot transferring knowledge and unifying decisions. Periodic Code Reviews and Coding Dojos. In 2010, Managed 2 <sup>nd</sup> biggest project of the company to perform Victoria State (Australia) Elections. Acting as a last resort task force to help teams meet deadlines (critical refactors and performance reviews). Since 2012 acting as an agent of change to consolidate use of scrum department-wide. Working on setting up the common language for the specialized teams to communicate effectively. Part time Scrum Master of a specific team used as a playground for new potential improvements before they were applied across teams.
mar'07-dec'09	<b>Scytl. (SW Engineer).</b> Member of touchscreen-based and web-based voting teams. Review of the current architecture of the web-based voting. Leader of the Okaloosa-Florida 2008 Voting project. Responsible for development of trunk libraries for counting algorithms. Lead developer of new pollbook platform (distributed desktop app with local DB and replication mechanisms-event source).
sep'06-mar'07	<b>COPCA.</b> Ignasi managed requirements from inhouse customer and also managed outsourced providers. Project definition and completion monitoring.
oct'01-sep'06	<b>NTE (formerly e-MM).</b> During this 5 year period Ignasi grew from junior developer (supporting tasks) to analyst programmer (responsible for complete areas of the application). NTE's was focused on healthcare which requires highest accuracy and demanding certifications. His duties involved high level design and peer design review, development, code reviews and deployment. All the development cycle was conducted under a strict quality control which included a 2:1 dev-to-QA ratio, continuous integration (unit-testing and integration testing) and very high traceability of requirement-to-code. The solution was developed in JAVA and included code generation to support desktop and web-based clients. There where communication modules to laboratory instruments, end-user messaging (e-mail & SMS), internal event-based architecture,

etc...

The stack was J2EE and supported IBM WebSphere, JBOSS, OC4J. It used EJB, MDB, JSP and also inhouse ORM and inhouse presentation frameworks. Messaging was based on JMS and used either AS-provided broker or ActiveMQ.

## ACTIVITES

2014	<b>Certification.</b> Developer Certification for Apache Spark (O'Reilly) <b>Speaker.</b> Oracle Tech Thursdays: "Java8 Stream API" <b>Speaker.</b> Barcelona JUG: "Functional Programming in Java8" <b>Speaker.</b> Software Craftmanship BCN: "Actor Model"
2013	<b>Speaker.</b> Barcelona Developer Conference. Topic: "Intro to scala"
Other confs	<b>Attended.</b> JCreate'12, BcnDevCon'12, JCreate'13, Baruco'13, ScalaX'13, ScalaDays'14, Jcreate'14, SCBcn'14, ScalaDays'15, JCreate'15. Regularly attending conferences allows for a faster, wider learning.
since apr'12	<b>Scala Meetup Barcelona.</b> Organizer. During 2014 Ignasi managed to invite few high-profile speakers to the local Scala Meetup including Jonas Bonér (CTO Typesafe)
since apr'12	<b>JUG/SCBcn/Gemleb.</b> Regular attendee at several Barcelona Communities
mar'11	<b>Winner</b> Mashery category Barcelona API HackDay
since mar'11	<b>Agile Barcelona.</b> Active member of the local Agile Community
jan'11-may'11	<b>3Day Startup BCN. (technical recruiter/organizer)</b> As a side-project Ignasi was active part in the organization of the first 3 Day Startup event in Barcelona taking place April 2011. His main duties were the technical recruitment where he managed a team of four recruiters, scheduled and overviewed over 60 interviews in a period of 4 weeks to select the technical participants of the 3DSxBCN event. During the event itself Ignasi was in charge of social media and several in-place organizational tasks: presentations moderator, mentoring, logistics, etc...
feb'09-jan'10	<b>norbt.com. (co-founder)</b> norbt.com was a host-proof hosting for end users to keep secret data without dedicated software. What that means is that norbt.com will encrypt data in the user's browser and then store it on a server in a way an administrator would not be able to tamper with it. Ignasi participated in inception, design and cryptography-related aspects of the coding on norbt version 1. Took over some supporting tasks as analytics review and community-management suggestions and reviews.

## COMPUTER SKILLS

Programming	Crypto, Scala, Spray, Play!, javax.concurrency, JProfiler, bash scripting, SQL data mining, Swing, Spring, JEE, SBT, Maven, CQRS, SOLID
Basics	Akka, Event sourcing, hotSpot
ALM	Redmine, Jenkins, Sonar (PMD, findbugs, checkstyle,...).
Others	IntelliJ, Eclipse, GIT, hg, svn
Methodologies	Scrum, code reviews, pair programming, SMART, INVEST
Interests	DDD, ES, CQRS, Vector clocks. JVM hotSpot. NoSQL (OrientDB, Cassandra).

## SPARE-TIME ACTIVITIES

other → Kayaking, skiing, mountain biking and trekking