

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

nov'16-aug'21	<p>Lightbend Inc - Senior Engineer (Scala-Java). Initially, on the Lagom Framework team, Ignasi expanded his duties and responsibilities across all the OSS portfolio at Lightbend. Main tasks included maintenance and feature development of said libraries and Frameworks. Duties also included L2 support to customers and regular chats with other teams (professional services, solutions architects) for further improvements on the tools.</p> <p>The company operated in a fully-remote capacity from its inception so Ignasi learnt the advantages and inconveniences of fully-async, written-before-spoken communication, multi-TZ team issues, etc.. and grew to prevent and embrace them. When 2020 hit, Lightbend (and Ignasi) continued operating as a well-greased machine despite the lockdowns.</p>
sept'15-oct'16	<p>Enerbyte Smart Energy – CTO (Scala-Coach). Altogether with the CDO, Ignasi leads a small team of four into rewriting a PHP monolith into a mix of microservices and lambda architecture. The process involves migrating to AWS, creating and provisioning VMs via implementing a complete provisioning system based on Ansible. All new code is implemented in scala, akka, akka-http. Ignasi automates the continuous delivery pipeline to quickly provide multi-tenant, multiplatform upgrades. Most recently Ignasi lead the integration and improvement of several uServices to have 100% reactive streams based data processing (from 3rd parties into local storages via partial processing).</p> <p>Ignasi also dedicates energy to coaching the rest of the company into adopting agile project management processes.</p>
jul'13-sept'15	<p>Freelancer (Scala – Scrum Master – Coach). Ignasi is a full-time scala developer on a test-first oriented team. Depending on the projects/client Ignasi may take the role of a PO or a team member. Occasionally he will also provide architecture/code reviews to teams struggling with bottlenecks, legacy maintenance, etc... These are usually solved by covertly training some XP principles and ensuring the teams will adopt them.</p> <p>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 3rd 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.</p>
dec'09-jul'13	<p>ScytI. (Technical Manager). 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...).</p> <p>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. 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 2nd biggest project of the company to perform Victoria State (Australia) Elections. Acting as a last resort task force to help teams meet deadlines (critical</p>

	refactors and performance reviews). Since 2012 acting as an agent of change to consolidate the 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	Scytl. (SW Engineer). Member of touchscreen-based and web-based voting teams. Review of the current architecture of web-based voting. Leader of the Okaloosa-Florida 2008 Voting project. Responsible for the development of trunk libraries for counting algorithms. Lead developer of new poll book platform (distributed desktop app with local DB and replication mechanisms-event source).
sep'06-mar'07	COPCA. Ignasi managed requirements from in-house customers and also managed outsourced providers. Project definition and completion monitoring.
oct'01-sep'06	NTE (formerly e-MM). During this 5 year period, Ignasi grew from junior developer (supporting tasks) to analyst (responsible for complete areas of the application). NTE was focused on healthcare which requires the 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 were communication modules to laboratory instruments, end-user messaging (e-mail & SMS), internal event-based architecture, etc... All data was stored normalized with extra append-only snapshots for complete audit. The stack was J2EE and supported IBM WebSphere, JBOSS, OC4J. It used EJB, MDB, JSP, and also in-house ORM and in-house presentation frameworks. Messaging was based on JMS and used either AS-provided broker or ActiveMQ.

ACTIVITES

2017-2021	Speaker. SCBcn'18 "Monolith to Reactive Microsystems" / (multiple venues) "First time contributing to OSS" / (multiple venues) "SoA of SW in the Energy sector"
2014	Certification. Developer Certification for Apache Spark (O'Reilly)
2013-2016	Speaker. SCBcn'16: "Railways Programming" / BCNJUG'14: "Intro to FuncProg with Java8" / SCBcn'14: "ActorModel" / BcnDevCon: "Intro to scala" / Oracle Tech Thursdays: "Java8 Stream API" /
Other confs	Attended. Multiple Scala confs, Jcrete (high perf Java), AgileCrete, SwCrafters Bcn, BcnDevCon. Regularly attending conferences allows for faster, wider learning.
apr'12-jan'16	Scala Meetup Barcelona. Organizer.
since apr'12	JUG/SCBcn/AgileBarcelona. Regular attendee at several Communities
jan'11-may'11	3Day Startup BCN. (technical recruiter/organizer) As a side-project Ignasi was active part in the organization of the first 3 Day Startup event in Barcelona taking place April 2011. Technical recruitment, managing a team of four, scheduling and overview of over 60 candidates in 4 weeks to select the participants of the event.
feb'09-jan'10	norbt.com. (co-founder) norbt.com was a host-proof hosting for end-users to keep secret data without dedicated software. What that means is that norbt.com would encrypt data in the user's browser and then store it on a server in a way an admin would not be able to tamper with it or even read it. 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	Akka, Scala, Play/Lagom, javax.concurrency, JProfiler/JFR/JMC, sbt, Maven, ES/CQRS, SOLID, Crypto
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ALM	GitHub, Trello, GHActions/Travis/CircleCI/Jenkins.
Others	IntelliJ, Eclipse, GIT
Methodologies	Scrum, code reviews, pair programming, SMART, INVEST
Interests	DDD, ES, CQRS, DistSys. JVM hotSpot.

SPARE-TIME ACTIVITIES

other Kayaking, carpentry