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Engineering Manager with wide experience in complex and scalable environments and multidisciplinary distributed teams. I'm an enthusiast of new technologies and building quality and maintainable software, with special emphasis on design, good practices and productive methodologies along the project's lifecycle. Filling the gap between tech and product.

PROFESSIONAL EXPERIENCE

Apr 24 – Today	<p>Engineering Manager at Payxpert, an omni-channel (online, in-store POS devices and in-app) payments company.</p> <p>Managing two engineering teams composed of a total of 2 junior and 2 senior java engineers, 2 senior PHP engineers, 1 tech lead, 1 QA and a PM.</p> <p>Maintenance of the online payments API platform, the company's Central Backoffice for merchants and internal administration (reporting, billing, payments management) and the replacement of the backoffice monolith with modern technologies (Spring Boot, microservices, Kotlin, GraphQL, events).</p> <p>My duties include setting the workflows, stablishing and maturing agile methodologies, measure performance, prioritizing, hiring and setting the goals and career path/growth for the team members and abiding with PCI-DSS requirements.</p>
Jul 21 – Mar 24	<p>Engineering Manager at Qwist. European leader in financial services for banking sector. Technical manager of categorization & data Bussiness Unit.</p> <p>The team is composed of 1 junior and 2 senior engineers, a tech lead, 1 data scientist, 3 data quality people, 1 product manager and myself. I was the hiring manager of 4 of the engineers. I am responsible of the technical design, evolution and delivery of a transaction data categorization and enrichment system based on rules and machine learning models through REST APIs.</p> <p>Daily collaboration with the PM, taking part in the prioritization, estimations,roadmapping and KPIs of the service from the technical standpoint.</p> <p>The system categorizes 7M transactions a day with a throughput of 3,5K requests per second using asynchronous programming and parallelism with Spring Boot and Spring Webflux. ML models are developed using Python.</p> <p>Deployment is done in a Kubernetes environment on Google Cloud Platform, using APMs and Kibana for performance monitoring, as well as other cloud tools provided, such as MongoDB Atlas.</p> <p>Working closely with compliance team for enforcing best security practices and PCI-DSS standards, strong encryption mechanisms, and PSD2 regulations.</p>
Mar 19 – Jul 21	<p>CTO at MyValue Solutions. Tech and services provider for banking sector and financial institutions: financial aggregation, categorization, payments, etc. PSD2 TSP for Spain and Portugal.</p> <p>Managing the strategic technology roadmap for the company, technical growth (from 6 to 23 engineers), stablishing working processes, etc., resulting on the acquisition of the company by Qwist.</p> <p>Our main products consisted of PSD2 AIS APIs for Spain and Portugal markets, data categorization for transaction information enrichment, PSD2 payments, etc., all being compliant with PCI-DSS requisites and banks audits.</p>

Oct 17 – Mar 19	Senior SW Engineer at Biocryptology , in multidisciplinary team focused on architecture and development of microservices for biometric identification and access management.
Sept 13 – Oct 17	SW Engineer and technical project lead at Valassis Communications Spain. Responsible for digital projects in the consumer packaged goods sector in the spanish division of the company. International development team.
Nov 12 – Nov 13	SW engineer and technical leader of www.gameandbeers.com . Choosing of development technologies and continuous integration methodologies. Technical design (data model, software architecture) and implementation. Choosing and administration of the production server and operation infrastructure.
Oct 10 – Aug 12	Senior software engineer at Buongiorno MyAlert . Leader and technical responsible for the mobile contents management project for all countries on which the company's present (~ 80). 3 engineers in charge. Liferay integration and architectural design of associated portlets . Responsible for all phases from design to production deployment.
Jul 08 – Oct 10	Software engineer at Fullsix : Migration for Vodafone's online channel to Oracle Portals/UCM platform, in collaboration with Indra. Responsible for the development of the company's internal management application for all international offices.
Oct 07 – Jul 08	Analyst/Programmer at IT Deusto (now Oesia): rotation among several projects from banking sector in Instituto de Crédito Oficial (ICO) .
Apr 06 - Sep 07	Analyst/Programmer at Assertum : DB and MVC architecture design, implementation and documentation of "SLTA Channels" project for Vodafone Spain, as only developer. ENAC's portal development.
Jul 04 - Mar 06	Programmer at O.C.U. (Oficina de Cooperación Universitaria, headquarters in Madrid). SW quality and maintenance areas.

EDUCATION

Oct 02 – Sep 04	Computer Science Engineering , UPSA (Universidad Pontificia de Salamanca).
Oct 99 – 2002	Computer Science Systems Technical engineer, UPSA.
Oct 95 –1999	Not concluded education of Industrial Engineer , ICAI (Universidad Pontificia Comillas).

CONTINUING PROFESSIONAL EDUCATION

Very high english level, written and spoken (6th grade taken in USA).

2023: **Spring Webflux** development (Udemy)

2017: **Greach Madrid 2017**. Conferences and workshops about **Groovy** and **Grails** (24 hrs).

2016: “**Scrum and agile metodologías**”, course given by **Grupo Atrium** (16 hrs)

2012: “**Refactoring y test unitarios con Junit**” course, given by **Buongiorno MyAlert** (16 hrs)

2012: “**Liferay 6**” course, given by **AT Sistemas** (12 hrs)

2011: “**Maven e Integración Continua**” course, given by **AT Sistemas** (20 hrs)

2010: “**Creación de portlets con Liferay**” course, given by Liferay Inc. (16 hrs)