

PROFESSIONAL EXPERIENCE

PROGRAM MANAGER

AI CONSULTANT – Barcelona (Spain) – 01/2024 – Present

- **Directed AI-Driven Strategy Platforms using LLMs and RAG Architectures:** Designed and delivered AI platforms based on Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG) to support decision-making, customer interaction, and internal knowledge systems across cloud environments. Built end-to-end pipelines covering data ingestion, embeddings, vector databases, prompt orchestration, and evaluation, enabling scalable AI solutions for regulated and data-intensive industries.
- **Architected Autonomous Multi-Agent AI Systems for Business Automation:** Designed and led the implementation of agent-based AI systems capable of autonomous task execution, monitoring, and decision support. Orchestrated multi-agent workflows for security, compliance, and operational automation, integrating LLMs with rule-based logic, event-driven triggers, and real-time data streams across BI, CRM, and ERP ecosystems including SAP & Workday.
- **Delivered AI-Powered Automation & Agent Systems for Regulated Projects** Customized and Implemented AI-driven automation and security agents in Python and Java-based cloud applications, integrating LLM services, APIs, and backend systems (AWS, Firebase, Supabase, REST services). Strengthened compliance, auditability, and incident response through AI-assisted analysis, anomaly detection, and controlled human-in-the-loop workflows in financial and enterprise contexts, strengthening compliance in regulated banking.

AI Multi-Agent Systems, OpenAI, PerplexityAI, n8n, GCP, AWS, NodeJS, React, Copilot

CARIAD TECHNOLOGY – Barcelona / Ingostadt (Germany) – 01/2023 – 2024

- **Directed and Lead** 3 Testing Teams onsite (12px) and 20 Teams in remote for Audi EQ5/6 & Porsche Taycan's Infotainment Software vehicle testing
- **Deployed Project Test Strategy**, using JIRA, Confluence, and PTC Codebeamer for efficient release planning and AWS CD/CI pipeline mgmt.
- **Assessed Risk** and delivered mitigation responses across multiple projects with a high level of SLA, KPI process improvement and change management
- **Lean & Process Improvement:** Contributes to setting the direction for the project management discipline within the company by refining templates, tools, and methodologies to enhance efficiency and stakeholder engagement

Jira, Confluence, IT, Supplier Program Mgmt, C-Level, Agile, CD/CI, IoT- Cloud, AWS, KPI

PROJECT MANAGER – Barcelona / Munich (Germany)

BMW Tier- 1 Supplier – Autonomous Driving & Infotainment – 01/2022 – 01/2023

- **Managed Project Team tasks and Coordinated** third-party software suppliers using Git, Jira, Confluence, and SVN, ensuring efficient KPI tracking and successful project execution within agile and waterfall frameworks.
- **Identified and Assessed** potential project risks, mitigation strategy during early stages, implemented effective controls and efforts across internal teams and external partners to guarantee quality assurance & risk assesment
- **Defined project milestones**, for Nippon Seiki dev Team, coordinated software release planning, communication with external suppliers, and defined the complete strategy and delivery plan based on supplier and corporate efforts.
- **Directed End-to-End Software Development** for the BMW JC14 Engineering Group, focusing on ADAS and Vehicle Dynamics Model-Based Development.

IDNEO TECHNOLOGIES S.L. – Barcelona / San Francisco (USA) – 09/2020 – 12/2021

- **Led the Project Teams** of HW, SW, Validation and supplier tasks for an ADAS FPGA-based processor for autonomous Robo-taxi PCB series production
- **Coordinated the communication** among industrial partners and design, mechanical, hardware, software & hardware teams between USA and BCN

ALBERTO LEBRON

Founder – Product Manager
Lab Director – Tech Project Lead

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PROFILE SUMMARY

Entrepreneur and Telecommunications Systems Engineer with 18 years of experience in technology product development across the Automotive and Aerospace industries, consulting, electronics, and agile project management. Experienced in systems engineering, hardware architecture solutions, and software development. Able to work in high-tech environments, leading multicultural teams with an agile mindset. Proactive, independent, and results-driven, with strong customer orientation and excellent communication skills.

CERTIFICATIONS & TRAININGS

2024 – Certified Professional Scrum Master (PSM-I)
Certified Scrum Product Owner (CSPO)

2023 – Lean Six Sigma Black Belt Training
PMP Project Mgmt Professional Training

2022 – Lean Start-up Certified Associated (LSCA)

2020 – Google Cloud, AWS Cloud Training

KEY CONTRIBUTIONS

Involved in high-tech projects including Aerospace Programs and Automotive series production, I had the opportunity to work with several OEMs, and top Tier-1 improving quantitative the KPIs in a running project, or creating new processes from scratch to get qualitative KPIs.

Founder of an E-mobility Start-up platform, where time to market and a fast iteration is the key of success. Solid engineering principles with a team approach, makes me an ideal candidate to understand the stakeholder requirements, followup investor relations & communicate with Level-C Management for landing corporate strategies.

SOFTWARE PROJECT MANAGER & LEAD

MOVILDRIVE SYSTEMS S.L. – 2018 – 09/2020 – Madrid, Barcelona (Spain)

- **Launched a pioneering B2B e-Mobility SaaS** for spanish market, full lifecycle from Platform and App design concept and implementation until first sales.
- **Directed the Software development** of front-end and back-end solutions, ensuring seamless integration of charging endpoints and MVP deployment.
- **Managed communication** between industry partners, OEMs, and stakeholders, aligning strategic objectives and driving operational excellence.

AUTOMOTIVE SYSTEMS & SOFTWARE ENGINEER

VISTEON CORPORATION GMBH – 03/2016 – 12/2017 – Karlsruhe (Germany)

- **Led** the design of a software automation framework for testing the Product Combi Display of several Mercedes-Benz IVI Systems.
- **Managed and Coordinated** SW teams across Europe and India, overseeing project WBS, agile methodologies, and deploying daily CI/CD.
- **Continuously integrated** and monitored software for the HUD Display electronics and Telecom Control Units, defining the core DevOps strategy.

MAGNA GMBH – 09/2015 – 03/2016 – Frankfurt (Germany)

- **Coordinated** the ADAS LKA / LDW functional integration tests for Maserati Levante & Mazda 3 prototypes, On-Road performance qualification
- **Integrated** and tested ADAS cockpit functions for acceptance testing, including ESC coordination with EPS and various EBA braking algorithms.
- **Managed** the synchronization of EU and US Engineering teams to ensure the synchronisation of Algo SW deliveries for HaLF, Parking Assist, and TSR

CONTINENTAL AG – 09/2013 – 09/2015 – Lindau / Munich (Germany)

- **Validated, verified and qualified** the software code and Algorithms of a forward sensing ADAS Camera & 77GHz Radar for Toyota and BMW OEM.
- **Collected** metrics achieving 99% test coverage, overseeing SW quality and the integration strategy for ADAS camera qualification testing procedures.
- **Planned** the static and dynamic algorithms software tests with EU, US, and India engineering teams, unit and module test qualification against ISO FuSa

SYSTEMS ENGINEER

AIRBUS – 09/2012 – 09/2013 – Munich/Manching (Germany)

- **Led and Coordinated** the A&I Systems Qualification Tests for Eurofighter Tranche 3 series program, Architecture Specification and Lab Test set-up
- **Qualified** RF, Audio and Video Systems for several military airbus programmes like MRTT, FSTA, and other Airbus **Unmanned Aerial** Military Vehicles UAVs
- **Developed** engineering RF test procedures, radar and transponder avionics reports and strategic route flight manuals for pilot trainings.

GERMAN SPACE OPERATIONS CENTER - DLR_ – 2011 – Munich (Germany)

- **Managed** International Space Station Ground Controller tasks, optimized Audio & Video ground engineering systems for daily operations onboard.
- **Coordinated** EU/US communications between international space centers Houston – NASA, France – IATV, JAXA – Japan and GSOC – DLR.
- **Reviewed and Assessed** Risk on connectivity troubleshooting to ensure good performance in RealTime ops, handling system reliability for critical missions

INECO - INDRA ESPACIO – 2007 – 2010 – Madrid (Spain)

- **Qualified** completely two S-Band Stations at Kiruna/Kourou of the European Space Agency for S-Band linking to Galileo satellites.
- **Tested** completely the two stations at Kiruna **KIR-1 and KIR-2** including High Power Amplifiers, Baseband, UpConverter, Downconverter and RC Charges.
- **Designed**, defined, specified, optimized and tested in RF Lab systems to prepare S-Band antenna equipment for ESA Ground Segment Qualification.

H A R D S K I L L S

Systems Engineering	●	●	●	●	●
Back-End Development	●	●	●	●	●
Front-End Frameworks	●	●	●	●	●
Processes & Standards	●	●	●	●	●
Dev Ops – CI / CD	●	●	●	●	●
IoT / AI / ML / Cloud	●	●	●	●	●
Safety ISO-26262	●	●	●	●	●
Automotive Tools	●	●	●	●	●

S O F T S K I L L S

Project Management	●	●	●	●	●
Product Development	●	●	●	●	●
Communication	●	●	●	●	●
Leadership	●	●	●	●	●
Strategy Definition	●	●	●	●	●
Risk Mitigation	●	●	●	●	●
Quality Assurance	●	●	●	●	●
Team Building	●	●	●	●	●

L A N G U A G E S

Spanish – Native. English / German – Proficient

E D U C A T I O N

2025 – Master in M&A Private Equity – IEB
2010 – Master in Space Technology – UAH
2008 – Telecommunications Engineering – UAH

T E A C H I N G

2023 – Agile Mentor – Tech Barcelona for technology, digitalisation and Mobility Start-ups
2022 – Expert Instructor – Research at Ferrovial Mobility Center of Excellence for Future Mobility
2021 – Innovation Mentor – Google Start-ups Seminar mentor for Start-ups Innovation
2020 – Tutorial Instructor Professor – ITCL Master in Electronics for Antolin Group