

ANDRES ABAD GONZALEZ

Senior Program & Product Delivery Leader | Technical Program Manager

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PROFILE

Technical Leader with 8+ years scaling distributed product delivery across R&D, regulated manufacturing, and large-scale connected software platforms serving millions of end users. I've owned delivery roadmaps spanning connected product software and smart infrastructure integration, merging physical infrastructure with cloud architectures, and led distributed teams across international markets where scalability and high quality are non-negotiable.

I connect strategic direction with execution, translating business objectives into delivered products.

WHY I ADD VALUE

- I move comfortably between technical detail, business & commercial judgment, and the senior stakeholder communication that determines whether delivery succeeds.
- Enterprise-scale program governance inside highly regulated and high-stakes environments.
- Experience delivering under market pressure and real regulatory & quality constraints, with cross-industry experience spanning R&D, manufacturing, and large-scale software delivery.
- Cross-regional delivery experience across EU, US, Asia, and LATAM, deployed across international teams through hands-on coordination of distributed teams.
- Quadrilingual, with experience in European and American markets and regulations.
- Comfortable making structured decisions under ambiguity, and motivating teams to keep moving even when the path isn't fully clear yet.
- AI-fluent as a working practice: I use AI tools daily to move faster and more accurately.

TECH STACK & TOOLS

Delivery & Agile Frameworks: Scrum, Agile Coaching, PRINCE2, Roadmapping, Backlog Management, KPI/Delivery Dashboards, OKR, SAFE

AI & Automation: Claude, ChatGPT, Gemini, Microsoft Copilot, Perplexity, GitHub Copilot, Cursor, Claude Code, Zapier, n8n

Tech Stack: Jira, Confluence, Notion, Miro/Mural, Figma, SQL, Power BI, JavaScript/TypeScript, Python, React, HTML, REST API, Postman, Git & GitHub, AWS, Azure, Google Cloud, Docker, Jenkins, Vercel, Datadog, Grafana, MATLAB, CAD, OpenFOAM, Blender

LANGUAGES

Spanish (Native) • English (Full Professional) • German (Full Professional) • Portuguese (Working)

CERTIFICATIONS

Professional Scrum Product Owner I (PSPO I) — Scrum.org • Professional Scrum Master I (PSM I) — Scrum.org • PRINCE2® Foundation Certificate in Project Management — AXELOS • Agile Coach — Tomorrow First, Institute for Agility & Innovation • CircularX: Circular Economy — TU Delft • Lateral Leadership — Selectes GmbH • Change Management — HR Pepper

PROFESSIONAL EXPERIENCE

Senior Product Owner — Mercedes-Benz Tech Innovation GmbH

Jan 2024 – Present

Stuttgart, Germany – Remote

- Own the technical vision and delivery roadmap for product performance monitoring, smart charging, and device-to-cloud software, merging physical infrastructure with cloud architectures.
- Lead distributed, cross-functional teams deployed across three continents, driving alignment between R&D, Business, and IT units.
- Spearheaded a 3-month autonomous driving system pilot with startup partners, integrating hardware and software for remote operation capabilities.
- Smart charging features now shipping to an estimated **2–3M end users** per year.

Product Owner — Mercedes-Benz AG

Aug 2022 – Jan 2024

Stuttgart, Germany – Hybrid

- Led technical integration of premium streaming and media features into a connected in-cabin platform, coordinating internal engineering teams alongside external partner teams across Asia, Europe, and North America.
- Aligned 15 internal and external teams spanning 3 continents on a shared delivery timeline across three platform software generations.
- Re-engineered agile delivery workflows and built KPI dashboards for real-time service performance.
- Features shipped to an estimated **11–16M end users** worldwide.

Production Engineer — Roche Diagnostics GmbH

Aug 2020 – Jul 2022

Mannheim, Germany – On-Site

- Led operations and cross-functional coordination for a high-volume bottle-filling production line, coordinating external vendors and internal mechanics across integrated filling, preparation, and packaging systems.
- Managed external vendors and internal mechanics across 3 integrated production systems.
- Directed the commissioning process of a new production line under a highly regulated life-sciences environment.

Scientific Associate, R&D — Karlsruhe University of Applied Sciences

Jun 2017 – Aug 2020

Karlsruhe, Germany – Hybrid

- Led a 3-year R&D program at the Institute of Applied Materials Sciences, developing numerical models of fluid flow through microporous media for groundwater remediation and point-of-care diagnostic devices.
- Simulated fluid-protein binding interactions combining biochemistry and fluid mechanics.
- Diagnostic membrane models adopted by Sartorius AG to improve membranes production processes.
- Supervised bachelor's and master's thesis students, and presented findings at conferences and in publications throughout the program.

Consultant — Karlsruher Energie- und Klimaschutzagentur GmbH

2017

Quito, Ecuador – On-Site

- Worked on-site over several months, developing engineering calculations and implementation plans for a biogas plant supporting environmental remediation in the Ecuadorian cloud forest.
- Negotiated directly with local government officials to secure support to advance the project toward construction.

EDUCATION

M.Sc. Mechanical Engineering — Karlsruhe Institute of Technology (KIT), Germany (2014 – 2017)

B.Sc. Mechanical Engineering — Karlsruhe Institute of Technology (KIT), Germany (2009 – 2014)