

JUAN J. CANO-SELLES

Spanish National (EU/EFTA) | Automatic Work Authorization | Relocating to Switzerland

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English: C2 | German: C1 (Verhandlungssicher) | French: B1 (Conversational)

EXECUTIVE PROFILE

Technical Program Manager with 10 years of experience delivering complex systems across the connectivity chain—from embedded firmware to global cloud architectures.

- **Cloud Infrastructure (5 Years):** AWS Certified Solutions Architect (SAA-C03); orchestrated transition to event-driven architectures (Kafka) to ensure 99.9% availability for a 4M+ vehicle fleet.
- **Systems Engineering (5 Years):** Specialized in firmware development (C/C++) and embedded project management, bridging proprietary hardware with digital service ecosystems.
- **Automation & Tooling:** Expert in Atlassian governance; leverage AI and Python scripting to automate intake workflows, program dashboards, and infrastructure reporting.

WORK EXPERIENCE

CARIAD SE | Technical Program Manager (Senior Product Owner) *Wolfsburg, Germany | Nov 2020 – Aug 2025*

- **Core Infrastructure:** Directed the Service Activation Cluster, ensuring 99.9% operational uptime for five DevOps teams delivering mission-critical digital services.
- **System Transformation:** Led the migration from monolithic dependencies to event-driven architecture (Kafka, SNS/SQS) to enable asynchronous scaling and platform-wide resilience.
- **Licensing & Lifecycle:** Deployed the technical framework for Functions on Demand (FoD), managing digital asset licensing and compliance across diverse international regulatory zones.
- **Commercial Oversight:** Managed external engineering partners, overseeing SOW development and PO creation to ensure fiscal alignment with infrastructure roadmap priorities.
- **Governance Automation:** Standardized JIRA/Confluence workflows to improve visibility for executive leadership, reducing reporting overhead through automated KPI tracking.

SEAT S.A. | Technical Project Lead (Connectivity Systems) *Barcelona, Spain | Mar 2019 – Nov 2020*

- **GTM Coordination:** Synchronized hardware and software release cycles for connectivity modules, aligning engineering execution with global sales Go-to-Market strategies.
- **Internal Beta Programs:** Spearheaded internal alpha/beta testing programs, managing logistics for hardware-in-the-loop (HiL) environments to validate firmware against customer use cases.
- **Stakeholder Engagement:** Acted as the technical interface between Tier-1 suppliers and internal departments, translating complex technical logic into actionable status updates.
- **Compliance Validation:** Supervised high-stakes homologation and regulatory test preparations to ensure hardware and data survivability under critical safety standards.

Akkodis | Systems Integration Engineer *Barcelona, Spain | Oct 2015 – Mar 2019*

- **Technical Execution:** Architected application logic and firmware (C/C++) for NFC-based IoT systems, managing power optimization and real-time constraints.
- **Automation & Scripting:** Engineered hardware emulators (Python/Qt) to accelerate software protocol validation and developed custom Linux drivers for connectivity modules.
- **Validation Engineering:** Led software release validation and HiL testing cycles as an embedded consultant for SEAT S.A. series-production units.

LANGUAGES & CERTIFICATIONS

- **Languages:** Spanish (Native), English (C2), German (C1), French (B1)
- **Certifications:** AWS Certified Solutions Architect – Associate (SAA-C03), PMP, SAFe PO/PM

EDUCATION

Master of Science in Telecommunications Engineering

Miguel Hernández University, Spain | 2015