

Rafael Sánchez Córdoba

Systems Engineering | Software Engineering | Technical Coordination

rafasanchezcordoba@gmail.com | +45 55 22 35 06 | LinkedIn | Aarhus, Denmark

PROFESSIONAL SUMMARY

Software Engineering graduate currently completing the final semester of an MSc in Technology-Based Business Development at Aarhus University. Two years of experience at Siemens Energy supporting technical projects in an international engineering environment, working across engineering, operations, and project teams. Experienced in translating requirements into structured technical solutions, validating data and outputs, coordinating stakeholders, and supporting complex systems through software, data, and automation. Structured, quality-focused, and comfortable managing multiple tasks while proactively identifying and resolving issues.

PROFESSIONAL EXPERIENCE

Student Assistant | Engineering Data and Technical Support Aug 2024 – Present

Siemens Energy – Brande, Denmark | Global Wind Power Program (10,000+ units)

- Supported engineering and project teams across a global wind program, coordinating technical inputs, requirements, open actions, and follow-up across multiple stakeholders.
- Translated engineering and operational requirements into structured data models, reporting solutions, and automated workflows using Python, SQL, and Power BI.
- Validated data quality, system outputs, and technical reporting, identifying inconsistencies and coordinating corrective actions with relevant engineering stakeholders.
- Integrated information from multiple operational systems using REST APIs, supporting reliable data flow and alignment between different technical sources.
- Designed, trained, tested, and deployed a machine learning model into production, taking ownership from requirements and development through validation and operational use.
- Worked closely with engineering, operations, and management in a structured environment requiring quality, attention to detail, prioritisation, and clear technical communication.

Full-Stack Developer Intern Aug 2023 – Jan 2024

Magtel – Córdoba, Spain | Business-Critical ERP Systems Migration

- Supported the design and implementation of software solutions during a business-critical systems migration, translating user and system requirements into technical components.
- Developed and maintained software using Angular, TypeScript, C#, SQL, and REST APIs, collaborating with developers and stakeholders within an Agile/Scrum team.

EDUCATION

MSc in Technology-Based Business Development Exp. Jan 2027

Aarhus University, Denmark | Final semester | Focus: engineering project management, data-driven decision-making, digital transformation, business analytics

BSc in Software Engineering Jan 2025

VIA University College, Denmark | Core: systems architecture, software design, databases, data modelling, algorithms, testing, statistical analysis

TECHNICAL SKILLS

Systems & Engineering	Systems architecture, requirements analysis, validation, technical documentation, system integration
Software Engineering	Python, TypeScript, JavaScript, C#, Java, SQL, Git, REST APIs
Data & Automation	Power BI, data modelling, ETL/ELT pipelines, Microsoft Fabric, Power Automate
Ways of Working	Cross-functional collaboration, stakeholder coordination, problem-solving, Agile/Scrum, quality focus
Languages	Spanish (Native) English (Professional – fluent) Danish (Elementary)