Manuel Almagro Rivas
INTEGRATION CONSULTANT - PHYSICIST

Objectives

I currently work as an integration consultant with tools from the SAP ecosystem. I would like to continue developing my career in the technical realm and expand the set of tools and technologies I can apply to create value and solve problems. My ultimate goal is to become an integration architect. I am also interested in data science and complex process automation.

Experience

2023 - present

SAP Integration Consultant
Avvale Spain
Projects:
- Automation of complex functional processes and integration with S/4HANA and external solutions (Santos, Werfen)
- Migration of custom and standard processes to Cloud Foundry (Affinity)
- Implementation of Cloud ALM and development of integrations tailored to business requirements (Zelestra)

Education

2016 - 2023

Bachelor's Degree in Physics
University of Granada
Interest in computational physics, simulation, and data analysis. Bachelor's thesis: *"Photon absorption in a periodic lattice of quantum dots."*

2013 - 2016

Bachelor's Degree in Chemistry
University of Jaén
Awarded for highest entrance GPA in the province.
Transferred to a different degree program in 2016.

Technical skills

SAP Ecosystem
- Deep knowledge of SAP Integration Suite: Cloud Integration, API Manager.
- Use of adjacent tools: SAP Cloud ALM, S/4HANA Cloud.

General integration knowledge
- Message mapping (XML vía XSD/WSDL, JSON…)
- Authentication methods (CSRF, JWT, OAuth, API Key…)
- API testing through Postman/Bruno/SoapUI…
- Best practices, resilient and maintainable integration patterns

APIs
- REST & SOAP API Development.
- Extensive OData (V2, V4) API experience
- Basic knowledge of GraphQL APIs
- SAP Environment tools: CDS views, CBOs, etc.

Scripting & programming	-	R & Shiny
	-	Groovy, Java, XSLT
	-	Python, Mathematica
	-	Bash (macOS, Linux)
Security & cryptography	-	Operational knowledge of public-key cryptography

Soft skills

Efficiency and Results-Oriented	I have been the lead integrator in projects involving the automation of complex functional processes, achieving high customer satisfaction.
Collaboration	Able to foster a collaborative environment and get along well with colleagues. Skilled at setting shared goals with cross-functional teams.
Advisory Skills	I am good at translating technical requirements and problems into accessible language for functional team members and client-facing roles.
Training	I have delivered integration training (theory and exercises) to both clients and colleagues.

Languages

Spanish	Native
English	C2 - Certificate of Proficiency in English (CPE) University of Cambridge Grade B: 219/230 November 2018.
Russian	B1 – Certificate in Russian Language and Culture University of Granada June 2021