

ADRIAN SALAS

Technical Lead | API Integration | Distributed Systems | Messaging Architecture
+34 647823637 asalgav@gmail.com linkedin.com/in/asalgav Málaga, Spain

SUMMARY

With over 15 years of experience in software engineering and technical leadership, I specialise in managing technical teams and contributing to cloud computing strategies. As a Technical Lead at OneAdvanced, I focus on fostering collaboration, driving innovation, and ensuring high-quality software delivery in alignment with organisational objectives.

My professional journey has encompassed software engineering, technical team management, and agile practices, with a consistent commitment to excellence in software quality and continuous integration in cloud environments. My mission is to help teams deliver impactful technological solutions while navigating the complexities of modern distributed systems.

Working in healthcare technology has given me a deep appreciation for the responsibility that comes with handling patient information. I place strong emphasis on code security, vulnerability management, and compliance — ensuring that every system we build meets the highest standards for data protection and patient safety.

I am also passionate about the performance and reliability of high-volume messaging systems. In environments where clinical messages must be processed and delivered accurately and on time, I focus on optimising throughput, minimising latency, and ensuring fault-tolerant architectures that can sustain demanding real-world workloads.

Having recently transitioned within OneAdvanced into a new role, I am now leading back-end services for patient-facing and primary care applications. I am a strong advocate for TDD and pair programming as tools for more efficient code reviews, knowledge sharing, and faster learning.

CORE TECHNICAL EXPERTISE

Java 11+ / Java EE 8 Spring Boot Spring Framework Spring Cloud Microservices & Distributed Architectures RESTful API Design (OpenAPI/Swagger) JPA / Hibernate
Apache Camel JMS / ActiveMQ High-Availability Systems SOAP & REST Integrations CI/CD Pipelines (Jenkins)
AWS EC2 PostgreSQL Oracle MySQL JUnit / Cucumber Performance Tuning PowerShell (Scripting)
Agile (Scrum, SAFe) Jira / Confluence Git / Bitbucket Log Analysis

EXPERIENCE

OneAdvanced (UK) | Birmingham, United Kingdom

Technical Lead – API Integration & Distributed Systems 08/2025 – Present

Healthcare Sector

- Leading backend development for distributed systems and API-driven architectures.
- Designing and governing RESTful APIs using OpenAPI specifications.
- Extending platform integrations with third-party providers and external enterprise clients.
- Architecting messaging-based integrations using JMS and event-driven patterns.
- Ensuring high availability, scalability, and secure communication between services.
- Collaborating with architecture and security teams to enforce best practices and compliance.
- Promoting clean code standards, code reviews, and technical mentoring.
- Supporting CI/CD processes and performance optimisation initiatives.

INPS – In Practice Systems Ltd (UK) | London, United Kingdom

Healthcare Sector

Senior Java Backend Engineer / Technical Lead & Scrum Master 03/2013 – 07/2025

Promoted to Technical Lead / Scrum Master in 2021 while continuing full hands-on software development responsibilities.

- Led and mentored a cross-functional engineering team, facilitating Scrum ceremonies and driving agile delivery.
- Oversaw technical direction, architecture decisions, and code quality standards across the team.
- Designed and developed high-availability microservices using Java and Spring Boot.

- Modelled and implemented RESTful APIs for healthcare systems.
- Built integration layers using Apache Camel (HTTP, JMS, ActiveMQ, CXF).
- Managed CI/CD pipelines in AWS environments (Jenkins, EC2).
- Performance tuning, log monitoring and system optimisation.
- Designed and maintained custom Spring-based rule engines and business logic automation to support critical healthcare workflows.
- Owned and maintained CI/CD pipelines, including scripted automation routines using PowerShell for service analysis, health checks, and deployment support via CentralGate.
- Built integrations with legacy systems through Apache Camel, ensuring reliable interoperability across heterogeneous clinical platforms.
- Agile/Scrum environment with cross-functional collaboration.

ABENGOA – SimosaIT (Spain) | Sevilla, Spain

Java Backend Engineer / BPM Integration Specialist 2012 – 2013

- Designed and developed backend services using Java and Spring.
- Integrated enterprise systems using REST/SOAP Web Services.
- Worked on process automation and BPM-based solutions.
- Database modelling and optimisation (Oracle, PostgreSQL).
- Participated in full SDLC including analysis, development, testing, and deployment.

Sopra Group (Spain) | Sevilla, Spain

Java Developer Analyst 2009 – 2012

Project: LibrÆ – Library Management System

- Developed SOA-based enterprise applications.
- Implemented search engines with Lucene/Solr.
- Designed JPA/Hibernate persistence layers.
- Worked in structured Agile environments.

EDUCATION

University of Seville | Seville, Spain

MSc in Computer Science 2000 – 2008

LANGUAGES

- Spanish – Native
- English – Full Professional Proficiency

TRAINING / COURSES

- Generative AI for Software Development – Coursera
- Management and Leadership Training – Lakes Training Solutions Ltd
- Business Process Management Notation 2.0 – Bizagi Group S.A.
- Database Administration with Oracle 9i – CEA, Seville, Spain
- MySQL Administration and Operations – CEA, Seville, Spain