

Alejandro Roda

Backend Engineer (Java) - Enterprise Systems

Zaragoza, Aragon, Spain | Java - Android - Swift - Integrations

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Backend engineer focused on enterprise systems and integrations. Experience across REST/SOAP services, Oracle databases, and mobile integrations, with an emphasis on reliability, traceability, and production stability.

Experience

Software Development Engineer / Analyst - Abai

Sep 2022 - Present | Zaragoza, Aragon, Spain

- Technical lead for Salud Informa (Government of Aragon): web portal, Android/iOS apps, and multiple web services.
- Develop and maintain Java REST services integrated with SOAP services and Oracle databases, prioritizing reliability, traceability, and clear error handling.
- Evolve the Liferay portal (Java portlets) and related internal modules (e.g., call-center inbox), ensuring stability in production environments.
- Mobile integrations and push notifications: Android (Google/HMS) and iOS (Swift), using Firebase for delivery.
- Contributor to Armatum, a cyber-risk assessment platform that helps analyze and present security risk information to support decision-making.

Tech: Java, Liferay, JBoss, Oracle, REST, SOAP, Android, Swift, Firebase

Software Development Engineer - Grupo Oesia

Sep 2020 - Sep 2022 | Spain

- Worked on the evolution of Interpublica: a suite of desktop applications for public administration management.
- Designed and implemented new features with a focus on stability, maintainability, and long-term product quality.
- Delivered enterprise solutions using the .NET stack with SQL Server.

Tech: .NET, C#, SQL Server

Education

Higher Vocational Training (HNC) - Multiplatform Application Development (DAM)

Colegio Montessori | 2018 - 2020

- Cross-platform development, secure data access, documentation, and usability/quality standards.

Intermediate Vocational Training - Microcomputer Systems and Networks (SMR)

Colegio Montessori | 2015 - 2017

- Hardware assembly and maintenance, servers, networking, operating systems, and security fundamentals.
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Skills

Java

Liferay

Android (Google/HMS)

iOS (Swift)

JBoss
REST APIs
SOAP Integrations
Oracle / SQL

Firebase (Notifications)
.NET / C#
SQL Server
Observability (logs/errors)