

# Manuel Delgado Sánchez

Backend Software Engineer | Java & Spring Boot Specialist

Salamanca, Spain (Open to Remote)

manudelgadosan@gmail.com • +34 658256329 • www.linkedin.com/in/manuel-delgado-sanchez

## PROFESSIONAL SUMMARY

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Backend Software Engineer with over 3.5 years of experience designing and deploying scalable **Microservices** architectures for international clients in the Transport and Banking sectors. Specialized in **Java (8, 11, 17)**, **Spring Boot**, and Cloud-native environments (**Kubernetes**, **Docker**, **OpenShift**).

Holder of a Masters degree in **Mobile Computing** (MSc), providing a unique ability to design backend APIs optimized for mobile consumption. Experienced in CI/CD pipelines, code quality (SonarQube, Fortify), and agile methodologies. Proven track record of working in English-speaking environments and mentoring junior developers.

## TECHNICAL SKILLS

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- **Languages:** Java (8, 11, 17), SQL, JavaScript, Dart (Flutter basics).
- **Frameworks:** Spring Boot, Spring Cloud, Spring Security, Spring Batch, Hibernate, JPA.
- **Cloud & DevOps:** Kubernetes, Helm, Docker, OpenShift, Jenkins, OpenLens.
- **Architecture & APIs:** Microservices, RESTful APIs, OpenAPI (Swagger), Event-Driven Architecture.
- **Data:** PostgreSQL, MySQL, Oracle.
- **Tools & Quality:** Git, Jira, SonarQube, Fortify, Maven, Postman.
- **Messaging:** Apache ActiveMQ Artemis.

## PROFESSIONAL EXPERIENCE

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### INDRA

*Backend Software Engineer*

Remote / Madrid, Spain

May 2024 – Present

- Core engineer for the Mobility & Transport Division, managing critical systems for international clients (Panama, Northern Ireland) and national networks.
- Architected and maintained a distributed system of **10+ Microservices** using **Java 17** and **Spring Boot**, ensuring high availability.
- Implemented asynchronous communication patterns using **Apache ActiveMQ** and synchronous REST APIs protected with **Spring Security**.
- Managed deployments across QA, Pre-production, and Production environments using **Jenkins** pipelines and **Helm charts** on **Kubernetes**.
- Optimized database performance by redesigning schemas and tuning complex SQL queries in **PostgreSQL**.
- Led technical mentoring sessions for junior team members and produced architectural documentation in English.
- Utilized **Jira** for agile task management and bug tracking.

### AKKODIS (Consultant for INDRA)

*Advanced Software Consultant*

Remote, Spain

March 2024 – May 2024

- Led the migration of legacy modules to modern microservices using **Spring Boot** and JPA/Hibernate.
- Designed and documented REST APIs using **OpenAPI/Swagger** standards.
- Ensured code quality and security standards were met using **SonarQube**.

- Collaborated daily in an international environment, handling all technical specifications in English.

## VIEWNEXT

Salamanca, Spain

*Software Engineer (Project: Banco Santander)*

June 2022 – March 2024

- Built high-volume document processing systems using **Java 8**, Spring Framework, and Hibernate for international branches (Spain, Germany, USA).
- Designed robust **Spring Batch** processes for ETL operations handling massive XML datasets.
- Deployed containerized applications using **Docker** on **OpenShift** (Red Hat).
- Integrated security scans and code quality gates using **Fortify** and **SonarQube** within Jenkins pipelines.
- Developed backend services for the "SANDI" virtual assistant using MySQL and Oracle.

## VIEWNEXT

Salamanca, Spain

*Software Engineer Intern*

Feb 2022 – May 2022

- Pre-hire internship focused on backend development with Java and Spring Boot.
- Successfully transitioned to a full-time role upon completion due to performance.

## EDUCATION

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### Master in Mobile Computing (MIMO)

2024 – 2025

Universidad Pontificia de Salamanca (UPSA)

- **Grade:** Completed with Honors in Final Degree Project (TFM - Grade 10/10).
- **Focus:** Mobile Software Architecture.
- **TFM:** Developed a cross-platform mobile application using **Flutter**, integrating it with a Java Backend.

### Bachelor's Degree in Computer Engineering

2016 – 2022

Universidad de Salamanca (USAL)

- Specialization in Software Engineering.

## LANGUAGES

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- **Spanish:** Native.
- **English:** Professional Working Proficiency (B2 Certified - Daily professional use).