

# Diego Barrio Hortigüela

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## PROFESSIONAL SUMMARY

Senior Backend Engineer with over 15 years of experience designing and implementing scalable, high-performance backend systems. Expert in Java and the Spring ecosystem (Spring Boot, Spring Data, Spring Security), with strong proficiency in microservices architecture,DDD, and clean design patterns. Proven success in banking, fintech and mobility domains, delivering robust solutions in cloud-native (AWS, Azure) and containerized environments (Docker, Kubernetes). Passionate about clean code, TDD, CI/CD (GitLab, Jenkins, SonarQube), and Agile methodologies (Scrum, Spotify model). Currently deepening focus on software architecture, DevOps, observability, and SRE. Fluent in English (C1), experienced in international and cross-functional teams.

## TECHNICAL SKILLS

- **Expert:** Java, Spring Boot, Spring MVC, Spring Security, JPA, Hibernate, TDD, Git
- **Advanced:** Microservices, Docker, Jenkins, DDD, Oracle, Clean Architectures
- **Proficient:** Kubernetes, AWS, Apache Kafka, CI/CD, SonarQube, Observability (Splunk, Grafana, Sentry)
- **Learning Focus:** SRE Principles, Generative AI integration (Prompt Engineering & RAG patterns)

## PROFESSIONAL EXPERIENCE

### Senior Backend Engineer | Mindden (for Europcar Mobility Group) | Mar 2024 – Present

- Designed and implemented billing and payment APIs using Spring Boot, microservices, AWS, and Kubernetes.
- Integrated Apache Kafka for event-driven architectures and asynchronous processing.
- Advocated for hexagonal architecture, DDD principles, and rigorous TDD practices.
- Enhanced CI/CD pipelines leveraging GitLab, improving deployment speed and stability.

### Senior Analyst | Accenture | Jul 2022 - Mar 2024

- Developed and maintained core banking systems with Spring Boot and Hibernate.
- Created performant microservices to improve modularity and uptime.
- Managed batch workflows using IBM Tivoli Workload Scheduler.
- Optimized complex data queries and stored procedures on Oracle and SQL Server databases.

## **Senior Specialist | SABIS | Jun 2014 - Jun 2022**

- Analyzed and developed enterprise-wide platforms.
- Built and maintained applications using Spring MVC, WebFlow, JPA, Hibernate, and Oracle.
- Collaborated on .NET and SharePoint integrations to improve cross-departmental workflows.

## **Analyst | Banco Sabadell | Nov 2012 - Jun 2014**

- Built an internal issue-tracking platform with Spring Boot, Thymeleaf, and Oracle.
- Contributed to full-stack design and implementation using the Spring ecosystem.

## **Analyst & Developer | Caja Mediterráneo | Mar 2007 - Nov 2012**

- Developed and maintained J2EE-based online banking applications.
- Supported ATM transaction services and participated in ALNOVA core banking migration.

## **Web Developer | HDV | Dec 2005 - Mar 2007**

- Delivered dynamic web applications using PHP, MySQL, and JavaScript.
- Implemented AJAX for interactive UI components and responsive user experiences.

## **EDUCATION**

Master's Degree in Web Applications and Services Development (60 ECTS) | University of Alicante | 2010 - 2011

Certificate in Java Enterprise Development | University of Alicante | 2009 - 2010

5-Year Degree in Computer Engineering | University of Alicante | 1998 – 2005  
(equivalent to a MSc level under the Bologna Process)

## **ACTIVITIES**

Student Mentor | Fundacion Banco Sabadell | 2020 - 2021

- Volunteered as a mentor for Computer Science and Engineering students at the University of Alicante.

## **LANGUAGES**

Spanish: Native

English: Full Professional Proficiency (C1)