

Carlos Jurado Moreno

Senior Software Engineer | Java • Spring Boot • Cloud-Native Applications • Microservices

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<https://github.com/CarlosJuradoMoreno>

Professional Summary

Senior Software Engineer with over 9 years of experience designing, developing and modernizing enterprise backend and frontend systems at REWE Digital.

Experience

REWE Digital — Senior Software Engineer

September 2017 – Present

Mission-critical billing platform responsible for invoice calculation, PDF generation and an internal web application.

Key Facts

- 2,000+ internal users
- 12,000+ invoices generated weekly
- 20M+ database records processed per billing execution

Responsibilities

- Developed and maintained 20+ enterprise microservices alongside monolithic Java applications.
- Designed and implemented REST APIs consumed across multiple enterprise platforms.
- Developed new business features and maintained critical billing functionality.
- Optimized SQL performance for PostgreSQL and IBM DB2.
- Deployed applications using Docker and Kubernetes through GitLab CI and Jenkins.
- Investigated and resolved production incidents through log analysis and root-cause analysis.
- Collaborated with Business Analysts, QA Engineers and Product Owners in Agile Scrum teams.
- Participated in sprint planning, backlog refinement and technical estimation.
- Performed code reviews, mentored Software Engineering apprentices and onboarded new developers.

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Date of Birth: February 27, 1995

Core Technologies

Java • Spring Boot • Spring •
Hibernate • JPA • GitLab CI •
PostgreSQL • IBM DB2 •
Microservices • JUnit • Mockito •
Git • Maven

Achievements

Developed end-to-end features, from database design and backend business logic to Angular-based user interfaces, collaborating closely with business analysts and QA to deliver production-ready functionality.

Modernized legacy Java applications into Spring Boot microservices.

Led multiple Java version migration projects.

Modernized legacy billing applications into Spring Boot microservices.

Led Java migration projects (Java 8 → 11 → 17 → 21).

Delivered enterprise applications used by multiple internal departments

Languages

Spanish (Native)

German (Professional Working Experience)

English (Professional Working Experience)

Technical Skills

Backend

JSON

XML

Liquibase

Cloud

Docker

Kubernetes

Helm

Architecture

REST APIs

OpenAPI

Testing

SonarQube

CI/CD

GitLab CI

Jenkins

AI-assisted Development

GitHub Copilot,
AI-assisted code
generation,
code review
support

Monitoring

Grafana

Tools

Git

IntelliJ IDEA

Confluence

Jira

Nexus

Postman

GitHub Copilot

Frontend

Angular

TypeScript

Bootstrap

Wicket

Methodologies

Agile

Scrum

Kanban

Education

Computer Engineering (partially completed) UNED

Higher Vocational Training in Web Application

Development IES Campanillas