

Contactar

abeld89@hotmail.com

www.linkedin.com/in/abel-deltell-9b5143b6 (LinkedIn)

Aptitudes principales

Docker Products

Team Collaboration

Mentoring

Languages

Inglés (Professional Working)

Abel Deltell

Senior Backend Developer | Java & Kotlin | Spring Boot |
Microservices | Clean Architecture

San Vicente del Raspeig/Sant Vicent del Raspeig, Comunidad
Valenciana / Comunitat Valenciana, España

Extracto

Senior backend developer with strong expertise in Java and Kotlin, specialized in building microservices-based architectures using Spring Boot.

Since the beginning of my career, I have worked on scalable backend systems for enterprise-level applications, following clean code principles, layered architectures, and industry best practices.

I've worked extensively with the Spring ecosystem, including modules like Spring Data, Spring JPA, Spring Security, caching layers, and messaging solutions. Over the years, I've implemented and maintained numerous integrations and utilities, using libraries such as Lombok, MapStruct, Apache POI, JasperReports, among many others. I regularly apply testing frameworks like JUnit and MockK for Kotlin-based services, always aiming for high test coverage and reliability.

My experience also includes working with Docker-based environments, Git workflows, CI/CD pipelines (Jenkins, Bamboo), messaging systems like RabbitMQ and Kafka, as well as relational and NoSQL databases such as Oracle, MongoDB, and Couchbase.

I have a solid understanding of layered and hexagonal architectures, API design, and backend systems that require robustness, maintainability, and performance.

In addition to my technical contributions, I've mentored and supported junior developers, helping them grow and integrate into development teams effectively. Looking ahead, my professional goal is to continue improving as a technical expert and evolve into a software architect or team leader role, where I can combine deep technical knowledge with leadership and decision-making.

I'm constantly evolving as a developer, committed to writing clean and testable code, and open to learning modern technologies as part of a collaborative and professional environment.

Experiencia

Hiberus

Senior Backend Engineer (Java/Kotlin)

diciembre de 2022 - Present (2 años 10 meses)

Valencia/València, Comunidad Valenciana / Comunitat Valenciana, España

Currently working in the Software Engineering (SE) department at Mango, focusing on backend services for internal operations, employee tools, and retail store support. I've been part of two strategic teams:

1. Data Team:

Worked on Adalytics, Mango's global analytics platform, displaying real-time KPIs, store sales, and footfall data. Developed features to forecast performance using historical data from 2019 onwards, improving store visibility and strategic planning.

Contributed to Midas, a pricing optimization tool leveraging MongoDB and data science input to suggest discounts per season and product line, based on KPIs and profit simulations.

Participated in Lynx, a solution to define size distribution patterns and optimize stock allocations per store/product.

2. KAS Team (Transversal SE):

This cross-team supports and evolves shared backend infrastructure across store operations and employee services.

Key responsibilities include Spring framework migrations, security upgrades, vulnerability remediation, and dependency management.

Led the development of Check & Pay, a salary management system used by HR teams across countries. Designed a microservice architecture, integrated Server-Sent Events (SSE) via RabbitMQ fanout queues, and implemented JavaMail for automated email notifications.

Maintainer of Tempus, the employee time tracking system.

Major contributor to Solutions, a custom frontend for Jira ticketing, streamlining internal support workflows. Developed a smart search engine using

Elasticsearch and synonym mapping for faster and more accurate issue categorization.

Tech stack: Kotlin (main), Java, Spring Boot, MongoDB, PostgreSQL, Elasticsearch, RabbitMQ, GitOps with Helm, Jenkins, Git, Bitbucket, Scrum, Pull Requests, Kafka.

Experis España

Senior Backend Engineer (Java)

septiembre de 2021 - diciembre de 2022 (1 año 4 meses)

Alicante, Comunidad Valenciana / Comunitat Valenciana, España

Worked across multiple client projects, focused on maintaining and evolving Java-based microservices in large-scale enterprise systems.

At Santander, I developed and maintained RESTful services for various business domains, implementing new features and integrating resources while ensuring test coverage through unit and integration tests.

For Mutua Madrileña and Catalana Occidente, I was part of a healthcare and insurance digitalization initiative, contributing to the Tele-Consulting platform, a patient and customer management system supporting remote video consultations.

My role included backend development, service enhancements, and integration tasks aimed at improving remote healthcare accessibility and client engagement.

In the final stretch of my time at Experis, I worked with FIRA Barcelona, focusing on evolutions in their event and ticketing platform. This system, based on a microservice and event-driven architecture, allowed users to search, manage, and purchase tickets for large-scale events hosted at the venue.

Across all projects, I participated in Scrum teams, working with JIRA for issue tracking, Git and Bitbucket for version control and Pull Requests for code reviews.

My work emphasized clean code, maintainability, and delivery of business value through reliable and scalable services.

Altia

2 años 9 meses

Senior Backend Engineer (Java)

marzo de 2020 - septiembre de 2021 (1 año 7 meses)

Alicante, Comunidad Valenciana / Comunitat Valenciana, España

Following my work on the shopping cart core and adapter layers, I transitioned to the Checkout module platform a critical, high-traffic service handling the final purchase flow.

My responsibilities focused on reactive backend development, validating data from the cart, processing customer orders, and coordinating the payment lifecycle. This included orchestrating interactions with both internal microservices and external third-party systems, ensuring a resilient and fault-tolerant transaction pipeline.

I contributed to exposing new endpoints to support multiple payment methods, including credit/debit cards, gift cards, Klarna..., which was newly integrated. These flows required extensive validation logic, covering everything from customer input to payment provider responses.

A major part of the work involved implementing traceability mechanisms to track order state throughout the checkout journey. This included verifying product stock, payment status, and delivery or store-pickup options. For logistics, we processed route and warehouse data to determine product availability and delivery times, dynamically adapting to stock levels and customer preferences.

To ensure performance and reliability, we applied resilience patterns like retries, timeouts, and fallback logic across service calls. The system was designed to handle edge cases gracefully, minimizing the impact of transient errors in high-volume scenarios.

We worked in an event-driven environment using reactive programming principles to improve system responsiveness and scalability. Testing strategies included full unit and integration test coverage, using Docker for service simulation and mocking tools.

Monitoring and debugging were performed using Grafana and Graylog.

The checkout module was a business-critical component, and my contributions helped enhance its stability, customer experience, and resilience during intensive periods such as Black Friday.

Senior Backend Engineer (Java)

enero de 2019 - marzo de 2020 (1 año 3 meses)

Alicante

Assigned to a critical backend project for Zara's e-commerce platform, specifically the shopping cart core module within Inditex's digital ecosystem. My role focused on developing new features and maintaining existing microservices using Java 8, Spring Boot (AMIGA).

I worked within a Scrum-based agile team, contributing across the full development lifecycle from requirement analysis and ticket creation in JIRA to code implementation, peer reviews via pull requests (Bitbucket), testing, and deployment across pre-integration and production environments.

My contributions involved enhancing cart functionalities including product addition, quantity updates, stock validation, and error handling across various customer interaction flows. These evolutions ensured performance and stability during high-traffic periods such as Black Friday, where backend resilience was critical.

I applied fallback strategies and resilience patterns to ensure continuity when primary flows failed, improving fault tolerance across services. The team also adopted reactive programming principles to enhance responsiveness and scalability.

For local development and integration testing, I used Docker-based tools such as Traffic Parrot to simulate service responses. Development was supported by utilities like Lombok, MapStruct, and various Spring modules. Monitoring and debugging in pre-production and production environments were done using Graylog and Grafana.

In the final phase of the project, I was part of the Adapter module, acting as a bridge between frontend teams and core backend systems. I was responsible for exposing new REST endpoints, transforming and aggregating data from internal and external services, and delivering tailored responses to frontend needs. This involved creating controllers, mapping request and response

DTOs, and ensuring test coverage through unit and integration tests. This layer was key to aligning data flows and improving client-facing performance.

Everis Centers

Junior Java Developer

julio de 2016 - diciembre de 2018 (2 años 6 meses)

Alicante

Joined as a junior backend developer and initially assigned to a cross-functional project for Telefónica, where I contributed to the development and debugging of a three-layer Spring-based architecture. I gained early experience dealing with circular dependencies and legacy code in a low-documentation environment, quickly adapting to the team's workflow and delivering key functionalities.

Later, I joined the WIPO (World Intellectual Property Organization) project — a pioneering backend system built with microservices architecture using Java 8, Spring Boot, and RESTful APIs. I was involved in the full development lifecycle of an internal office platform to manage intellectual property submissions and licensing workflows.

Key responsibilities included designing and implementing PDF document generation with JasperReports, working with RabbitMQ for async messaging, integrating BPM flows, and managing scheduled tasks via cron jobs. I also contributed to API documentation using Swagger and collaborated with the team to ensure smooth service orchestration across the microservices ecosystem.

This role marked my transition from junior to independent backend developer, giving me a solid foundation in real-world Java development and modern service-based architectures.

Técnico informático en Tissat S.A

Técnico microinformático

mayo de 2015 - mayo de 2016 (1 año 1 mes)

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Técnico informático

octubre de 2013 - mayo de 2015 (1 año 8 meses)

Alicante

Mis responsabilidades como técnico era asegurar un correcto funcionamiento en los equipos informáticos, instalación de sistemas basados en Ubuntu (Iliurex) y configuración de los mismos, configuración de impresoras y redes y reparar equipos.

CESSER

Técnico Informático

diciembre de 2009 - septiembre de 2012 (2 años 10 meses)

Técnico de

campo, realizando instalaciones de sistemas operativos basados en Ubuntu (Linux) y también

dando soporte técnico a estos, tanto soporte a nivel usuario (incidencias de uso) como a nivel

de instalaciones y configuraciones en red.

Reviso y reparo averías Hardware de los equipos e impresoras, proyectores y otros

periféricos, y también instalaciones de cableado de red y telefonía IP.

Configuro en red, todos los equipos de las aulas de informática con un único servidor donde

este, hace de Proxy y tiene unos servicios para controlar al resto de equipos.

También configuro redes inalámbricas (routers, puntos de acceso, etc).

Educación

IES San Vicente

Grado Superior - Desarrollo de Aplicaciones Multiplataforma, Programación informática, aplicaciones específicas · (2014 - 2015)

IES MARE NOSTRUM

Desarrollo de Aplicaciones Web, Ciclo formativo de formación profesional Superior · (2015 - 2016)

IES Poeta Paco Molla

Grado Medio - Explotación de sistemas informáticos, Tecnología/Técnico de software informático · (2006 - 2008)