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Germán González Garzón
Software Engineer

4+ years of experience developing high-quality applications in frontend (React, Angular, Next.js) and backend (Node.js, Java), with additional expertise in Big Data projects using Spark and Scala to drive efficient data processing.
Passionate about tech innovation, I specialize in designing scalable full-stack applications and optimizing data processes for enhanced performance.

Experience

Software Engineer at Santander Consumer Global Services
March 2023 - Present

As a software engineer in a small, four-person agile team, I design and develop end-to-end B2B solutions using JavaScript technologies like Node.js and React.
On the backend, I work with Node.js, managing databases like MongoDB and PostgreSQL to ensure efficient data storage, scalability, and performance optimization.

I manage the entire software lifecycle, from initial design to production deployment, including mobile applications.

A key part of my role involves building multi-tenant systems and customizing solutions for specific countries (tenants) to ensure compliance with local regulations. I collaborate closely with product teams and clients to align technical solutions with business goals.

Data Developer at Scalian
April 2022 - March 2023

I specialized in managing large datasets from a bank institution, with a particular emphasis on profits and losses. I worked with custom company software built on top of Spark using Scala to streamline data processing.

My main responsibility was ensuring the smooth execution of both daily batch processes and real-time streaming operations. This involved quickly resolving issues that arose, ensuring critical tasks ran without disruption.

One of my key achievements was leading the migration from Spark 1.6 to Spark 2.4. I spearheaded the migration process, driving extensive research and collaboration to ensure its success. As a result, we saw a 20% improvement in data ingestion efficiency.

Frontend Developer at Capgemini
Feb. 2021 - Dec. 2021

My primary responsibility was developing exceptional user experiences using Angular, React, and Next.js.

I played a key role in enhancing the company's online visibility and reach. One of the challenges I faced was managing a hybrid application with both Angular and React pages. As the company transitioned to React, I was responsible for building new components from scratch while simultaneously maintaining existing Angular pages. A major highlight of my role was being a vital part of a three-person team entrusted with the successful execution of a comprehensive redesign of the company's homepage using React.

Backend Developer Intern at Babel
Dec. 2019 - March 2020

This experience marked my introduction to the dynamic world of coding. I eagerly took on my first tasks using Java and the Spring Boot framework, gaining hands-on experience in backend development. My primary role was to develop Key Performance Indicators (KPIs) to track seat availability and utilization for a travel agency, enhancing booking efficiency and optimizing resource allocation.

Education

Software Engineering at Universidad Politécnica de Madrid (ETSISI-UPM)
Sept. 2016 - July 2020 (Madrid - Spain)

Languages

- **English:** Professional
- **Spanish:** Native

Skills

React .js	**Node.js**
HTML, CSS, JS	**Angular**
Java	**Spring**
PostgreSQL	**MongoDB**
Python	**Scala**
Spark	**CI/CD**
Git	