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Germán González Garzón
Software Engineer

4+ years of experience developing robust web applications across frontend *(React, Next.js, Angular)* and backend *(Node.js, Java)*, with hands-on experience in Big Data using *Scala* and *Spark* for high-performance data processing.

As a technology enthusiast, I am dedicated to creating scalable systems and refining data workflows with a strong emphasis on innovation and growth.

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.

On the frontend, I work with *React*, building intuitive features and using *GraphQL* for efficient communication with the backend.

On the backend, I work with *Node.js*, creating new APIs to connect with all our service providers while managing databases like *MongoDB* and *PostgreSQL* to ensure efficient data storage, scalability, and performance optimization.

A key part of my role involves building multi-tenant systems and customizing solutions for specific countries (tenants) to ensure compliance with local regulations.

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 correct 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 led 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 *TypeScript* in *Angular, React,* and *Next.js.*

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 enhancing the company's online visibility and reach.

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* in *Spring framework*, gaining hands-on experience in backend development and learning *Git* along the way.

My primary role was to develop Key Performance Indicators (KPIs) to track seat availability and utilization for a travel agency, enhancing booking efficiency.

Education

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

Languages

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

Skills

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