✉ germansk98@gmail.com   ☎ +34682390037   in linkedin.com/in/german-gonzalez-garzon/   🌐 portfolio-german.vercel.app

Germán González Garzón
Software Engineer

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

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.
In addition, I manage the software development process 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.

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 *Spring 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.

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
Git	Spring
PostgreSQL	MongoDB
Python	Scala
Spark	CI/CD