

MARTÍN GARNICA CALDERÓN

SOFTWARE ENGINEER

MTINGC.DEV

ANGULAR - AWS - BACKEND - ENGLISH - EXPRESS - FRENCH - FULLSTACK - GIT - GraphQL
JAVASCRIPT - MICROSERVICES - NEST JS - NEXT JS - NODE JS - NOSQL - REACT JS
SERVERS - SPANISH - SQL - TAILWIND CSS - TYPESCRIPT

ABOUT ME

With a solid 5-year experience, I have proven to be a passionate and proactive professional. My self-taught skills have allowed me to independently learn both the English language and the most relevant web technologies, such as JavaScript, TypeScript, Node.js, Angular, React, among others.

I have successfully led several projects where I have applied my analytical skills and collaborative approach. My ability to effectively solve complex problems has been crucial in the development of these projects.

As a self-driven enthusiast, I am constantly seeking new challenges and learning opportunities. I am passionate about tackling difficult problems and I stand out for my determination and persistence in achieving exceptional results.

I enjoy music and attending concerts. I find physical and mental balance through sports and I am constantly seeking thrilling and adrenaline-filled experiences.

CONTACT

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EXPERIENCE

ZoomGraphiK

2023

ZoomLive

I used Nest.js for API development. I opted for a microservices architecture with file upload functionality to an AWS bucket. On the client side, I used Next.js with TypeScript and Tailwind CSS.

I significantly optimized the customer experience by providing them with an easier and faster way to access their social event content, replacing traditional delivery methods such as USB and DVD with an online platform, resulting in a 60% improvement in the customer experience.

Lagalm Industrial

2020 - 2023

ERP

I coordinated, designed, and developed an API in Node.js with Express, connected to a MongoDB NoSQL database. For the user interface, I used Angular.

I significantly optimized the QMS by including modules for stamped billing, raw material and finished product inventory management, as well as detailed tracking of the production process for parts. Additionally, I implemented specific functionalities to meet required certifications, such as generating Code 128 labels for efficient product delivery to customers.

Furthermore, we streamlined production, packaging, and billing processes by 20%. Moreover, thanks to the implementation of AWS for file management, I reduced document access and retrieval time by 30% compared to previous methods.

Website

I used Next.js in TypeScript and made use of technologies such as Tailwind CSS and the Three.js library to import OBJ models, aiming to convey one of the company's key focuses: 3D design.

I had the opportunity to lead the development of a previous version of the company's website.

RTMP streaming server

I developed a streaming system using Node.js, which was responsible for managing the processing and storage of video signals scheduled from OBS software through the RTMP protocol. For the client, I developed it using Angular.

The main objective was to establish a video streaming system that allowed employees to view informational content and company updates on all screens within the organization, enabling the reception and synchronized playback of video signals, thus achieving a smooth and consistent streaming experience.