

LUCAS BAZAN

Information Systems Engineer | Fullstack Developer

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SKILLS

- **Programming Languages:** JavaScript, TypeScript, SQL, Java.
- **Frameworks & Libraries:** React, Next.js, Node.js, Tailwind CSS, Qt.
- **Databases:** MySQL, Supabase.
- **Technologies & Tools:** Git & Github, Cypress, Cucumber, Postman, Vercel, CI/CD.
- **Practices & Concepts:** REST APIs, Data Structures, Design Patterns, Object-Oriented Programming, Agile Methodologies, Testing, SOLID Principles, UML, Responsive Design, SEO, Edge Computing.
- **Languages:** English (B2 - Advanced), Spanish (Native).

EXPERIENCE

Full Stack Developer

March 2026 - Present

Centro Distribuciones

- Lead the end-to-end design and development of an ERP system for administration, inventory control and sales management, improving operational efficiency through a scalable architecture.
- Developed a high-performance E-Commerce platform applying advanced technical SEO strategies and Web Vitals optimization, achieving a +107% increase in organic traffic.

Software Intern

November 2025 - March 2026

Argentina Navy

- Designed and implemented ASTERIX (EUROCONTROL) protocol decoders using C++ and the Qt framework, integrating them into mission-critical radar console systems for real-time data processing within the Operational Analysis, Weapons, and Electronic Warfare Service area.

Full Stack Developer

January 2025 - May 2025

Foton. | ICAT

- Developed an AI-powered web application for automated film script analysis using Next.js, TypeScript, and Supabase.
- Managed deployment and infrastructure configuration on Vercel, ensuring continuous integration and high service availability.

Summer Trainee - Training Internship

January 2022 - March 2022

Telefónica | Movistar

- Participated in an intensive technical and business training program, applying Agile methodologies (Scrum) to solve strategic challenges in the telecommunications sector.

PROJECTS

Proyecto Agro - AI-Powered Livestock Monitoring Platform | <https://proyecto-agro-web.vercel.app>

- Developed a mobile and web application that evaluates cattle Body Condition Score (BCS) using AI-based image classification.
- Trained and optimized a computer vision model capable of running locally on mobile devices without internet access.
- Built synchronization workflows between the mobile application and a web platform for centralized analytics and reporting.
- Worked on end-to-end system design, including frontend, backend, data handling, and user experience considerations.
- Collaborated with agricultural experts and university advisors to translate real-world operational needs into technical solutions.

EDUCATION

- Information Systems Engineering, Engineering, Universidad Nacional del Sur 2021 - 2026
- High School Bachelor in Economics and Administration, Economics and Administration 2016 - 2020