

Presentation

With 25 years of experience, I have evolved from hands-on software engineering to leading engineering teams of up to 38 people on SaaS, IoT, and AI/Computer Vision projects. At Creare Sistemas (most recent position), I expanded a team from 15 to 38 people in one year, involved in all software products, including security cameras with artificial intelligence, telemetry for heavy vehicles in agribusiness (sugar cane/timber), and real-time data generation for analysis. I was responsible for the entire product lifecycle: architecture, development, quality control, and product management. Previously, at Ponfac, as Technical Leadership Manager, I designed no-code computer vision systems, integrating OpenCV and custom AI SDKs, as well as algorithms such as area-to-weight conversion for livestock images from high-quality AI-processed images.

Important Projects

Modernizing the IoT SaaS platform from a legacy Java technology to a more recent version of Java, Node, and Next. I worked on the architecture concept, microservices, and new UI/UX.

Important Projects

The use of a computer vision system with AI in an animal feeding robot involved integrating a system for taking photos, detecting animal behavior, and sending the results to a SaaS platform. This was primarily used for animals that were not coming to feed, generating an alert at the farm so that the situation could be investigated.

Important Projects

Develop os embedded systems for automation devices

Proficient Technologies

- Node.js
- Docker
- Microservices
- SQL
- C/C++
- C#
- Python
- JavaScript (growing)