

# Patricio Ángel Pittana

Full Stack & Systems Developer | Hardware Integration & Automation Experience

Paraná, Entre Ríos, Argentina · pittanapatricio@gmail.com · +54 9 3435 417146  
codebypittana.vercel.app · github.com/Lunatico0 · linkedin.com/in/patricio-pittana-2185b6177

## Professional Summary

**Full Stack & Systems Developer** specializing in the development of **high-performance, scalable** using **React/Next.js (TypeScript)** and **Node.js/Express** applications. Proven track record of architecting and implementing end-to-end systems for retail and logistics, **with a strong ability to translate** operational inefficiencies into measurable software solutions.

Core competencies include **MongoDB, Astro, and Electron**, with full-stack flexibility. Recognized for **technical precision, rapid MVP delivery**, and **the ability to work effectively in cross-functional global teams**. Open to relocation.

## Core Technical Skills

React.js (TypeScript)	Next.js	Node.js / Express	MongoDB	Electron
Tailwind CSS	Astro	Docker	JWT / OAuth2	Git / GitHub

## Key Projects & Achievements

### Control de Cubiertas (Fleet Tire Management System)

*Electron.js · React · MongoDB · Automation*

- Developed and deployed** a desktop asset management tool for a logistics company, **projecting a 15% reduction in future tire purchasing costs** through predictive maintenance analytics.
- Executed a strategic migration** from a web application to a **Windows desktop application (Electron)**, achieving **100% operational uptime offline** for mission-critical inventory management.

### Artemisa E-Commerce + ERP Light

*Node.js · Express · MongoDB · MercadoPago Integration*

- Architected and developed** a hybrid e-commerce/ERP system (**MERN**) serving as the **operational core** for a retail business.
- Automated the client quoting process**, achieving a **70% reduction in time-to-quote** (10 → 3 minutes) via a custom budgeting system.
- Built a high-performance Node.js API** with secure **JWT authentication**, supporting a tested load of **500+ concurrent user sessions**.

## CanelaCakes Digital Menu & Open Source Tooling

*Astro · Tailwind · Custom QR Generator*

- **Developed** a *single-page* digital menu with **UX and branding focus**, leading to a **more streamlined and engaging customer experience**.
- **Built** an **open-source custom QR generator tool** for **stylized, brand-specific designs**.

## Professional Experience

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### FullStack Developer & Technical Assistant - Artemisa

Sep 2024 - May 2025

- **Optimized** MongoDB queries and API logic for the e-commerce platform.
- **Collaborated** on deployment strategy using **Vercel/Firebase**, implementing continuous integration and delivery.

### Independent Developer / Systems Integrator

Current

- **Delivered tailored software and technical solutions**, integrating *software with physical hardware* for automation and control systems.

## Education & Methodologies

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**Full Stack Developer (Graduated with Distinction)** — CoderHouse (Nov 2023 - Dec 2024)

**Electronic Engineering (Incomplete)** — UTN (up to 3rd year)

- Strong foundation in **algorithmic logic** and **system architecture**, essential for designing **enterprise-grade software solutions**.

**Key Methodologies:** Problem Solving, Analytical Thinking, TDD/Code Quality, Remote Collaboration.