

Gustavo Almeida do Nascimento

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I started programming at 13, just out of curiosity. Now, at 18, I run several SaaS products and active projects with real clients. The biggest one is **Bibliotech**, a school library management system focused on the student side. What drives me isn't the stack — it's the problem. I like to deeply understand the problem and the possible solutions before opening the editor.

EXPERIENCE

Founder at Proton Software | November 2025 – Present

- Built [Bibliotech](#), a complete school library management platform focused on the student experience. The project sped up the operations of three client schools, and one of them saw an 80% increase in reading rates. Students can browse their school's entire collection from the app, reserve any book from their phone, pick it up at the library, and track their own reading metrics. [React, Firebase, Tailwind CSS]
- Together with Texas Web, I worked on the rebranding of a foreign e-learning platform focused on corporate tech training, based in Columbia, Maryland (USA). [PHP, WordPress themes]
- [Website Monitor](#): an uptime monitoring platform that tracks websites and APIs in real time, with checks every few seconds and instant email alerts when a downtime is detected. The system has a history dashboard and availability analytics (24h, 7 and 30 days), JWT authentication with per-user data isolation, and reliability-focused infrastructure (targeting the US market). [Go, PostgreSQL, Redis, WebSocket, Next.js]

Junior Developer at Global Cards | March 2026 – Present

- **Alma Campeira**: built a complete in-house ERP tailored for an artisanal knife-making business. The system covers the entire operational cycle: raw materials and consumables control, knife and supplier registration, customer management, sales, metrics, and automatic generation of purchase orders by supplier. Server Components/Client Components architecture in Next.js, with role-based access control and Supabase SSR authentication. [Next.js, Supabase]
- **WhatsApp CRM**: built from scratch a multi-agent customer service system over WhatsApp for internal use. The platform centralizes conversations on a single corporate number and routes them across departments (support, finance, etc.), where each team manages its own tickets with full per-customer history. [Next.js, Node.js]

Sales & Marketing Consultant | January 2025 – November 2025 — Mastershop, Igrejinha

- Conceived and led the development of a live-streamed gaming tournament as a regional marketing initiative, aimed at strengthening brand presence and attracting new customers.
- Learned to read consumer behavior and identify the pains and desires of the gamer audience.
- Developed communication skills serving a wide variety of customer profiles.

SIDE PROJECTS

- **Quadra Livre**: built a complete community-driven platform for tennis court reservations, actively used by two local cities in my region. The mobile-first web app covers Google authentication, server-side conflict-validated reservations, social profiles with playing stats, player-to-player challenges, and a per-court admin panel. In parallel, I built the native app with Expo to make mobile access easier. [Next.js, Firebase, Expo]

LANGUAGES & TECHNOLOGIES

- **Languages:** TypeScript, JavaScript, Python, Go, PHP
- **Frontend:** React (Context API, custom hooks, component composition), Next.js (App Router, Server Components), Tailwind CSS, Vite, PWA
- **Backend & Databases:** Firebase (Auth, Firestore, Storage, Functions, Security Rules), Supabase, MongoDB, PostgreSQL, SQL, Redis, WebSocket
- **Infrastructure & DevOps:** Linux, Docker Compose, Vercel, Cloudflare Pages
- **Integrations & Payments:** Stripe (checkout, webhooks, subscriptions), REST APIs, WordPress
- **AI & Automation:** LLM integration (Anthropic, Groq, OpenRouter), prompt engineering
- **Fundamentals:** Data structures and algorithms

INTERESTS

- Strong interest in physics and a constant search for intellectually stimulating activities to keep my mind engaged and broaden my understanding of the world.