Bautista García

Full-Stack Developer | TypeScript, React, Next.js, Node.js, PostgreSQL

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SUMMARY

Full-stack developer with 2+ years building and running production web apps for clients, from the database schema to deployment: e-commerce, bookings with online payments, and a clinical platform with encrypted patient data. AI Engineering student at Universidad de San Andrés; ships LLM features with the Google Gemini API.

EXPERIENCE

Founding Full-Stack Engineer, 4.0 MedTech Solutions | Buenos Aires — Feb 2025 - Present

Pregma+, patient-management platform for obstetricians and gynecologists | 40mts.com

- Sole developer of the Pregma+ web app since its start: designed the UI and built the frontend and backend infrastructure with Next.js, TypeScript and Firebase (Firestore, Cloud Functions), covering patient records, appointment scheduling and Rebill subscriptions.
- Built an AI clinical assistant on the Google Gemini API with authenticated routes, patient-scoped context and audit logging of every query.
- Added AES-256-GCM application-level encryption to clinical records (patient ID bound as authenticated data) and migrated existing data with tested backup, verification and rollback scripts.
- Closed direct client writes to patient data in Firestore security rules, covered by an emulator test suite in Vitest, and added a daily encryption health check with alerting.

Freelance Full-Stack Developer, Self-employed | Remote — Dec 2023 - Present

- Rimmel Eyewear (rimmeleyewear.com): built the e-commerce storefront and product catalog for a luxury eyewear brand with Next.js, Strapi CMS, PostgreSQL and AWS S3, so the client's team manages products and content on its own.
- Las Calandrias (calandrias.com.ar): built the booking platform for a cabin complex, with Mercado Pago payments, Airbnb iCal calendar sync to prevent double bookings, and an admin back office (Next.js, Supabase, PostgreSQL).
- Dragon Black Force (dragonblackforce.com.ar): built a sales management PWA with inventory, quotes priced from the live catalog, PDF export, commissions and offline use (Next.js, PostgreSQL, Drizzle ORM).

Teaching Assistant, Universidad de San Andrés | Buenos Aires — Jul 2024 - Jul 2025

- Ran practical sessions for Computational Thinking and Algorithms and Data Structures, guiding students through programming exercises.

PROJECTS

Speech Emotion Recognition (Gobbie) | Python, PyTorch, Hugging Face Transformers, scikit-learn — 2026

- Co-built an 8-emotion speech classifier on WavLM, HuBERT and wav2vec 2.0 embeddings: 0.890 accuracy under speaker-disjoint cross-validation; live demo at UdeSA AI Fest.

dbm, self-hosted database platform | TypeScript, Docker, PostgreSQL | github.com/BautyGarcia/DBManager — 2026

- Built a CLI that turns one VPS into a per-app Postgres and S3 platform (Dokploy, PgBouncer, Garage, Traefik TLS, admin access over Tailscale only) with backups to Backblaze B2; it replaced per-project Supabase plans and now hosts production client databases.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python, C++

Frontend: React, Next.js, Tailwind CSS, PWA

Backend: Node.js, REST APIs, PostgreSQL, Supabase, Firebase (Firestore), Drizzle ORM, Strapi

Infra and tools: Docker, AWS S3, Vercel, Git, GitHub, Vitest

Integrations: Mercado Pago, Rebill, Google Gemini API, Airbnb iCal

Languages spoken: Spanish (native), English (C1 Advanced, Cambridge, 2021)

EDUCATION

Universidad de San Andrés, B.S. in Artificial Intelligence Engineering — 2024 - Expected 2029

Coursework: Algorithms and Data Structures, Computer Networks, Machine Learning

ORT Argentina, High School Diploma in Computer Science, graduated with honors (9.35/10) — 2023