

TOBÍAS PAZOS

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SUMMARY

Full-stack developer focused on backend and system integration. Since 2024 I've built and shipped production systems for real businesses — legacy integrations, distributed workflows, and AI-assisted development. I own projects end to end, from data model to deployment, and I'm at my best keeping systems reliable under real-world constraints.

EXPERIENCE

Sheltr — sheltrhousing.com

Software Developer

Buenos Aires

Jan 2026 – Present

- Full-stack development across a construction-tech platform (backend, frontend, database, WhatsApp integration) that includes an AI copilot — built primarily with AI-assisted, agentic workflows (Claude Code).
- Own features end to end, from data model to interface, and contribute to the architecture decisions behind them.

Full-Stack Developer — Freelance

Custom software for businesses

Remote, Argentina

Jun 2024 – Present

- Built and operated in production web and mobile applications for 10+ businesses across fintech, retail and real estate — REST APIs, integrations with existing systems, e-commerce and admin platforms, owning projects end to end.

SELECTED PROJECTS

WhatsApp campaign platform — a credit-origination fintech

TypeScript · Node · PostgreSQL

- Designed a decoupled, asynchronous service architecture with a PostgreSQL claim-lock dispatcher — chosen over a Redis/BullMQ queue for the same at-most-once guarantee with less infrastructure — plus crash recovery via lease token + heartbeat. 19,627 contacts across 150+ campaigns.

B2B order platform — Dal Santo (leading national bicycle distributor)

TypeScript · Next.js · SQL Server

- Replaced the field sales team's legacy desktop tool with a durable outbox (PostgreSQL) decoupled from the factory's legacy SQL Server, integrating with a system I couldn't modify: idempotency without indexing the legacy table, SERIALIZABLE order-ID generation, and GPS as a server-side rule. Ongoing client since 2024.

Real estate platform — De Brasi

Next.js · PostgreSQL · Cloudflare R2

- Built the data model, API layer, auth and media pipeline for a self-managed property catalog: solved orphaned-file storage leaks three ways (TTL sweep, split delete, reconciliation) and modeled media as a state machine with presigned direct-to-storage uploads. Live at debrasi.com.ar.

TECHNICAL SKILLS

- **Backend:** Node.js, Nest.js, Express, REST API design, decoupled asynchronous services, background jobs.
- **Databases:** PostgreSQL, MySQL, Supabase, SQL Server, Prisma.
- **Frontend & Mobile:** React, Next.js, React Native, TypeScript, JavaScript, Tailwind.
- **AI-assisted development:** Claude Code and agentic workflows, with critical review of generated code.
- **Tools:** Git / GitHub, Vercel, Cloudflare R2, Zod, VS Code, Enterprise Architect (UML).

EDUCATION

Digital House — Certified Tech Developer

2023 – 2025

Universidad Abierta Interamericana (UAI) — BSc in IT Management

2025 – 2028 (in progress)

Mindhub — Full-Stack Developer Bootcamp

2021

LANGUAGES

- **Spanish:** native. **English:** advanced (C1) — Cambridge CAE.