

Franco Conturso Anton

Software Engineer | Scalable Backend Systems & SaaS Platforms

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Backend-focused software engineer with experience building multi-tenant SaaS platforms, internal operational tooling, and payment-integrated systems. Strongest in Node.js, Fastify, PostgreSQL, TypeScript, Go and Google Cloud, with hands-on work across APIs, background jobs, Redis optimization, and full-stack product delivery.

EXPERIENCE

Software Developer | Aardvark Partners

Sep 2024 - Present

Full-time

- Built a scalable pre-check-in platform with Next.js and Supabase, serving thousands of users across 400+ properties and replacing third-party tooling, saving ~\$100K/year.
- Designed and built the company's core Fastify backend, powering multiple services and enabling multi-tenant SaaS workflows with tenant isolation and shared architecture.
- Built fan-out background processing on Google Cloud (Cloud Scheduler → Pub/Sub → Cloud Run) to support per-organization parallel jobs for token refresh and booking synchronization.
- Integrated PMS (Beds24) APIs with rate-limit-aware polling, webhook hybrids, and OAuth token management across 400+ properties and thousands of daily messages.
- Improved backend performance and reliability through Redis caching, rate limiting, memory issue fixes, and production monitoring with Sentry and BetterStack.
- Built internal operational and financial tooling, including revenue dashboards (150+ property owners), automated reporting, and Stripe/bank reconciliation workflows.
- Established engineering standards (monorepo with Turborepo, shared packages, CI/CD pipelines, and documentation practices) and mentored a junior developer.

Backend Developer | Soluciones Andinas

Mar 2024 - May 2024

Internship

- Built a REST API for digital signature recognition and comparison using Flask, TensorFlow, and OpenCV.
- Owned the backend API and ML integration within a 3-engineer contractor team.
- Containerized the application with Docker to standardize environments and simplify deployment.
- Improved concurrent request handling and API performance.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go, Python, SQL

Backend / Platform: Node.js, Fastify, PostgreSQL, Redis, REST APIs, WebSockets, Stripe, Supabase

Frontend: React, Next.js

Cloud / DevOps: Google Cloud, Docker, Docker Compose, Vercel, Sentry, Better Stack

Concepts: Multi-tenant SaaS, background jobs and queues, system design, API design, Database design

EDUCATION

- Software Engineering Studies | University of Mendoza, Argentina | 2021 - 2024