

Jonathan Gamez Tomoyosi

Fullstack Developer

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ABOUT

Fullstack developer working from data modelling through to the interface. I build with Python and Next.js on PostgreSQL, with infrastructure on AWS and Docker — from Big Data pipelines and tax-document systems to end-to-end web and mobile applications. I have concrete results in processing speed, project structure, and in turning raw data into information management can actually act on.

Deliver solutions that improve business management, data structure and performance, while continuously raising the design and experience delivered to users.

EXPERIENCE

Open Br

Nov 2025 — present

Fullstack Developer

- Built Big Data processing and cleansing routines, focused on cutting execution time.
- Owned project infrastructure on AWS — serverless functions, instances, managed databases, object storage, observability and image registry.
- Built systems for electronic invoice management and processing audit.
- Data analysis and dashboards that turn raw databases into management indicators.
- Responsible for the UX/UI of the projects.
- Introduced new development methods and standards to the team.
- Migrated legacy code and databases to current technology, including Firebird integration consolidated into PostgreSQL.

Python · pandas · PostgreSQL · AWS · Docker · Next.js · TypeScript · FastAPI · Laravel · Streamlit · Firebird

Yma Log

Jan 2026 — present

Mobile Developer

- Design and structural improvements to the mobile application.
- Ported web features to mobile with simple, fluid navigation.
- Reduced friction in the transition from desktop screen to phone screen.
- Native application in React Native with Expo, shipped for Android.

React Native · Expo · TypeScript · Fastify · Prisma · PostgreSQL

Igreja Bom Pastor SP

Fullstack Developer

- Full finance module, with cash in/out management.
- Pastoral management: birthdays, the groups each member belongs to, and tithe status.
- Service rota management for members, with notices.
- Calendar with event control, responsible participants and email notification.
- Reports for the children's class teachers.
- Complete authentication system with sign-up, password recovery and reset.

Next.js · React · TypeScript · Supabase · PostgreSQL · Tailwind CSS · Recharts · Vercel

PROJECTS

Igreja Bom Pastor SP

Live

Mobile-first church management platform, from database to interface

- Genuinely mobile-first: designed for the phone and adapted upward, not the other way round.
- Role-based access control, with an admin area and guest access.

Next.js 15 · React 19 · TypeScript · Tailwind CSS 4 · Supabase · PostgreSQL · Recharts · Nodemailer · date-fns · Vercel — <https://bom-pastor-scs.vercel.app>

Yma — Plataforma mobile

In testing

Native app, admin panel and API — three fronts, one product

- Native Expo app with tab navigation, bottom sheets, image capture and editing, haptics and Android builds.
- Push notifications delivered through Expo's push service.

React Native · Expo · TypeScript · React Navigation · Fastify · Prisma · PostgreSQL · Zod · Cloudinary · React Three Fiber · Vitest

Yma — E-commerce

In testing

Storefront with a resilient backend: circuit breaker, rate limiting and sanitisation

- Circuit breaker on outbound calls, isolating third-party failure so it cannot take the store down.
- Rate limiting, security headers and HTML sanitisation on input.

React · TypeScript · Vite · TanStack Query · Fastify · Prisma · PostgreSQL · Zod · Opossum · Pino · Vitest

TECH STACK

Languages: TypeScript, Python, JavaScript, PHP, SQL

Frontend: Next.js, React, React Native · Expo, Tailwind CSS, Radix UI · shadcn/ui, TanStack Query, React Hook Form · Zod, Recharts · Chart.js, Leaflet, Motion

Backend: Node.js, Fastify, FastAPI, Laravel, Prisma, Drizzle, JWT · NextAuth, Opossum

Data: PostgreSQL, Supabase, Firebird, pandas · NumPy, PyArrow, Streamlit · Plotly, Selenium · BeautifulSoup

Infrastructure: AWS, Docker, Vercel, Keycloak, Sentry, GitHub Actions

Quality: Vitest, Testing Library, Playwright, ESLint · Prettier, Git

EDUCATION AND LANGUAGES

FIAP

MBA in Data Engineering

Aug 2026 — present · In progress

Universidade Nove de Julho — Uninove

Technologist in Systems Analysis and Development

Jan 2022 — Jul 2024 · Completed

LANGUAGE

Portuguese — Native

English — Intermediate

Spanish — Intermediate

COMPETENCIES

Systems design · Data analysis and processing · AWS infrastructure · UI/UX · Agile methodology · Teamwork