Gabriel Sanz

Full Stack Developer · 4+ Years

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SUMMARY

Full Stack Developer with **4+ years** of experience delivering complex financial systems for government institutions, serving **100+ government units** and directly impacting fiscal compliance for the State of Mato Grosso do Sul. Progressed from Junior to Senior-level responsibilities in under 2 years, with technical mentorship and leadership of critical module deliveries. Skilled in **.NET/C#, React, Next.js, TypeScript, SQL Server, and Azure**, building systems from scratch — from database design to production deployment. In 2026 co-founded **WPGHub**, a software house where he designs and ships SaaS platforms, payment systems, and **React Native (Expo) apps published on the App Store and Google Play**.

PROFESSIONAL EXPERIENCE

Co-Founder · Product & Full Stack — WPGHub

2026 – Present

Software house with 3 partners · wpghub.com.br

Campo Grande, MS

- **Designs and ships web and mobile products** for clients and in-house on shared self-hosted infrastructure (Contabo/Ubuntu, Docker, Portainer, Nginx Proxy Manager, PostgreSQL, SQL Server, Redis, MinIO)
- **Standardized CI/CD on Azure Pipelines** with self-hosted agents (develop → dev, producao → prod) and idempotent provisioning scripts using the Azure DevOps, Portainer, and Nginx Proxy Manager APIs
- **Migrated products prototyped on Supabase/Lovable to in-house .NET 10 APIs** (AureControl, Escalium, SlotSync, MamaBaby)
- **Published apps on the App Store and Google Play** via EAS and TestFlight

Software Developer — Infortech Tecnologias

Jan 2025 – Present

Papyrus — Government Digital Services Platform

Campo Grande, MS

- **Contributed to the front-end** with Next.js, React, and TypeScript, translating Figma mockups into production screens (Dashboard, Task Management, Process Viewer) integrated with backend APIs
- **Contributed to the Orquestrador API** (ASP.NET Core) that orchestrates communication between government systems (TransfereMS), with DTOs, AutoMapper, and RESTful best practices
- **Built the Signer module** — digital signatures with organizations, user management, role-based access, approvals, invitations, and auth flows
- **SIAFIC (2026)** — development of the Debt Management (Gestão da Dívida), Consortia, and Receivables modules of the Mato Grosso do Sul State Integrated Financial Administration System, with .NET 9, SQL Server, Angular 21, and PrimeNG 21

Stack: Next.js, React, TypeScript, .NET 9/10 (ASP.NET Core), FastEndpoints, AutoMapper, Lacuna RestPKI, Angular 21, PrimeNG, Playwright, SQL Server

Software Developer — Infortech Tecnologias

Mar 2022 – Jan 2025

SPF — State Planning and Finance System (Mato Grosso do Sul)

Campo Grande, MS · 2y 11m

Promoted 3× in under 2 years: Developer III → II → I → Software Developer — reflecting consistent delivery and growing technical leadership.

Fiscal Compliance & Transparency (~1,500+ tasks delivered)

- **Built the state's fiscal reports from scratch** (RREO, RGF, PASEP, AMF, ARF, LDO, LOA) required by the State Court of Accounts — Views/Functions, backend, APIs, screens with dynamic filters, and JasperReports
- **Implemented EFD-REINF integration with the Federal Revenue Service** (R-2010, R-4010, R-4020): SQL Views, API calls, transmission, validation
- **Delivered the Public Transparency Portal APIs** (itemized expenditure, revenue, transfers), compliant with transparency legislation
- **Engineered and optimized the Budget Change module**: margin validations by legislative article, decree generation, and a dynamic grid

Financial Engine & Document Processing

- **Maintained and evolved the core accounting engine** (Empenho, Liquidação, Programação de Desembolso, Ordem Bancária) — the backbone of financial operations across 100+ government units
- **Created a generic SQL query tool** with auto-generated grids, Excel export, and built-in security limits — cutting data requests from days to minutes
- **Resolved critical production issues**: duplicate accounting entries, cross-fiscal-year sync errors, and legacy document data integrity

Infrastructure

- **Delivered 50+ production database scripts** and **managed release branches** for biweekly production releases (merges, versioning, QA)
- **Mentored junior developers** on business rules, code architecture, and SQL optimization
- **Built the Government Council reports module** (dynamic tables, Excel, editable grids) and conducted a W3C web accessibility audit

Stack: C#, ASP.NET MVC 4.5 (Razor), Entity Framework, SQL Server, JavaScript, jQuery, JasperReports, Bootstrap, Azure DevOps (Git), Scrum/Agile

PROJECTS

iStatusPay — Payments Platform (Web + Published Mobile App)

istatuspay.com.br | App Store | Google Play

Full rewrite of a legacy WordPress payments platform, running in production on the client's server: .NET 10 API with Clean Architecture (JWT with rotating refresh tokens, QuestPDF reports), Next.js 16 / React 19 web panel, and a React Native (Expo) app **published on the App Store and Google Play**; Docker and CI/CD via Azure Pipelines.

.NET 10 · MediatR · FluentValidation · EF Core · MySQL · Redis · MinIO · Next.js 16 · React 19 · TypeScript · React Native (Expo) · Docker · Azure Pipelines

MamaBaby — Baby Tracking App (Published on the App Store)

mamababy.wpghub.com.br | App Store

Baby routine tracking (feedings, sleep, diaper changes, symptoms) with real-time sync, push notifications, an iOS Live Activity with a feeding timer, pediatrician report export, admin panel, and LGPD compliance; PWA web version.
.NET 10 · EF Core · PostgreSQL · SignalR · Expo (React Native) · Next.js 15 · TypeScript · Docker · Azure DevOps

AureControl — SaaS Contract & Billing Management aurecontrol.com.br

Contract SaaS with 5-level RBAC, digital signing, financial dashboards, and notifications. Migrated from Supabase to an in-house .NET 10 API with JWT + 2FA (TOTP), Web Push, and real-time via SignalR; PWA front-end monitored with Sentry.
.NET 10 · EF Core 10 · PostgreSQL · Redis · MinIO · SignalR · React 18 · Vite · TypeScript · Tailwind · shadcn/ui · PWA · Sentry

Escalium — Hospital Shift Management escalium.wpghub.com.br

Shift management with 27-permission granular access control, shift swaps, interactive calendar, and exportable reports. Passwordless login with passkeys (WebAuthn/FIDO2), AI assistant via Groq (Llama 3.3 70B), Web Push notifications, and drag-and-drop UI (dnd-kit); PWA.
.NET 10 · EF Core · PostgreSQL · Redis · MinIO · WebAuthn/FIDO2 · Groq · React · TypeScript · shadcn/ui · dnd-kit · PWA

SlotSync — Psychology Clinic Management slotsync.wpghub.com.br

Patients, scheduling, digital medical records, financial control, and WhatsApp integration (Evolution API); originally built on Supabase + Mercado Pago and rewritten in .NET 10 (Clean Architecture).
.NET 10 · MediatR · EF Core · PostgreSQL · Redis · MinIO · SignalR · MailKit · OpenTelemetry · Scalar · Next.js 15 · React 19 · Tailwind 4 · Vitest/MSW

Sudoku Arena — Mobile Sudoku App soduko-pessoal.wpghub.com.br (web)

Classic and Killer Sudoku with a global leaderboard and a custom puzzle generator; mobile app plus web version.
Expo SDK 57 · React Native 0.86 · TypeScript · .NET 10 Minimal APIs · PostgreSQL

Nobel Rigor — Menswear Rental & Sales nobelrigor.wpghub.com.br

Menswear rental and sales: date-based inventory, fitting scheduling, pickup/return tracking, and a public catalog.
Next.js 15 · React 19 · Tailwind 4

Atalaia Tintas — Sales & Back-Office for a Paint Store atalaiastintas.wpghub.com.br

Sales and back-office system built as .NET 9 microservices behind a YARP API Gateway, with an Angular 20 front-end.
.NET 9 · YARP · MediatR · PostgreSQL · Redis · OpenTelemetry · Angular 20 · Tailwind 4 · Playwright

FintechWEB — Payment Gateway Platform Internal project — not publicly available

Multi-tenant front-end: dashboards (Recharts), PIX/TED/Boleto/Card batches, KPIs, RBAC, commissions · Next.js · React · TypeScript · Styled Components

FormsMenu — Dynamic Form Engine (Full Stack) formsmenu.gabrielsanztech.com.br | API Swagger

Forms rendered from JSON schemas, dynamic menus, RBAC, and audit logging · React 18 · Vite · Ant Design · ASP.NET Core 8 · EF Core · MySQL · Docker

Other: WPGHub landing (wpghub.com.br) — Next.js 16, Three.js/R3F, Framer Motion

EDUCATION

Postgraduate — Software Engineering · UCDB · Oct 2022

Bachelor's — Sanitary & Environmental Eng. · UCDB · 2016

Postgraduate — Occupational Safety Eng. · UNIDERP · 2019

Software Factory Program · Senac · 2022

CERTIFICATIONS

- **AI-900** — Azure AI Fundamentals (2024)
- **DP-900** — Azure Data Fundamentals (2024)
- **Cybersecurity Essentials** — Cisco (2021)
- **Systems Arch. & Cloud** — Senac (30h)
- **API RESTful with Azure** — Udemy (2025)
- **jQuery Advanced** — Parts 1 & 2 (2022)

TECHNICAL SKILLS

Backend	C#, .NET 9/10, ASP.NET Core, Minimal APIs, FastEndpoints, ASP.NET MVC (Razor), EF Core, MediatR, AutoMapper, FluentValidation, SignalR, Clean Architecture/DDD, microservices (YARP), Hangfire, OpenTelemetry, Serilog, Polly, QuestPDF, JWT, RBAC, WebAuthn/passkeys, REST APIs, Node.js/Express
Frontend	React, Next.js 14–16, TypeScript, JavaScript, Angular, HTML5/CSS3, Tailwind CSS 4, shadcn/ui, PrimeNG/PrimeReact, TanStack Query, Zustand, Zod, Three.js, Styled Components, Material-UI, Bootstrap, jQuery
Data	SQL Server, PostgreSQL, MySQL, MongoDB, Supabase, Redis, MinIO/S3, RabbitMQ, T-SQL (Views, Functions, Procedures)
Mobile	React Native (Expo), EAS Build/Submit, TestFlight, App Store & Google Play, RevenueCat, push notifications, iOS Live Activities
DevOps & Cloud	Docker, Azure (DP-900, AI-900), Azure Pipelines (CI/CD, self-hosted agents), Contabo/Ubuntu (ufw, fail2ban), Portainer, Nginx, Nginx Proxy Manager, n8n, Evolution API
AI	Claude Code (agents, MCP, skills), Groq, OpenAI API
Testing	xUnit, Moq, Vitest, Testing Library, Playwright, k6
Tools	Git (Azure DevOps, GitHub), JasperReports, Swagger, Figma · Scrum, Agile, Kanban

LANGUAGES

Portuguese: Native **English:** Intermediate **Spanish:** Basic