Gabriel Sferra

Full Stack Developer

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Summary

I am a full stack developer based in Marília, Brazil. I started in front-end, building online stores for clients of Auaha Agency, and today I work at Tray as a Test Analyst, validating features in marketplace integrations.

Working in software testing changed how I build: I model data so the database rejects invalid states, I like types that flow from server to client, and I focus tests where a bug would be costly.

Experience

Test Analyst, Tray Feb 2024 – present
Feature validation for marketplace integrations in the Tray ecosystem, including test planning and automation.

Front-End Developer, Agência Auaha Feb 2022 – Feb 2024
I joined as an intern and stayed on as a front-end developer, building online stores for clients such as Mãe Terra, Spilpack, Defitness, RS Air Filter, ABC da Construção and Suggar, on the TrayCorp, Wake and MercadoShops platforms. Agile team using Scrum.

Projects

Orbital github.com/gfsferra/orbital
Personal finance app for iPhone, Android and the web, served by a single API. 82 tests covering pt-BR amount parsing, month and timezone boundaries, and recurrence. In development, invite-only sign-up.
`TypeScript, Expo, React Native, Hono, Drizzle, Better Auth, Zod, Cloudflare Workers, PostgreSQL`

Grit gfsolutions-grit.netlify.app
Diet and training app for iPhone with a daily checklist that works offline. Live and in daily use, with 274 automated tests, including the API against a real Postgres in Docker.
`JavaScript, Vite, Tailwind CSS, PWA, Netlify Functions, PostgreSQL (Neon), Web Push, node:test`

Full Stack Sign-up github.com/gfsferra/fullstack
User registration system with Google OAuth 2.0 sign-in. Unit and API tests with PHPUnit on the back end and Vitest on the front end.
`Laravel 11, PHP, Vue 3, TypeScript, MySQL, Redis, Docker`

Education

Postgraduate degree in Full Stack Development
PUCRS (Pontifícia Universidade Católica do Rio Grande do Sul)
Feb 2024 – Feb 2025

B.Sc. in Computer Science
Univem (Centro Universitário Eurípides de Marília)
Feb 2021 – Dec 2024

Technologies

Front-end: TypeScript, JavaScript, Vue 3, React, React Native (Expo), Tailwind CSS, SCSS

Back-end: Node.js (Hono), PHP (Laravel), C# (ASP.NET Core MVC)

Data & infra: PostgreSQL, MySQL, Redis, Docker, Cloudflare Workers, Netlify

Quality: PHPUnit, Vitest, node:test, ESLint, Manual and exploratory testing

E-commerce: TrayCorp, Wake, MercadoShops

Languages

Fluent in English