

Giovani M. Corrêa

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Summary

Full-Stack Software Engineer with 5 years building products and platforms; over the last 2 years, working end-to-end on production AI/LLM systems: architecture, MCP integrations, agentic workflows, and the infrastructure that sustains them at scale.

Ownership mindset: I take problems from start to finish, decide with explicit trade-offs, and prioritize simple, correct solutions.

Skills

Front-end: TypeScript, JavaScript, React, Next.js, React Router 7, Vue, React Native, SSR/ISR/Edge, Tailwind, shadcn/ui, MUI, AntD, Redux, Zustand, Vitest, Jest, Cypress, Playwright, Vite, Webpack, Zod, Yup

Back-end: Node.js, Express, NestJS, Python, Backstage, PostgreSQL, MongoDB, Supabase, REST, GraphQL, WebSockets, OAuth2 / OAuth 2.0, JWT, Dynamic Client Registration (DCR)

AI / LLM: OpenAI, Anthropic, Google Gemini, MCP (Model Context Protocol), Vercel AI SDK, LangChain, LangGraph, LLM Applications, Agentic Workflows, Tool Calling, Streaming, Structured Outputs, Prompt Engineering, RAG, Embeddings, Vector Search, Multi-provider Orchestration, LLM Evaluation / Evals, Regression Testing, A/B Testing, Golden Datasets

Platform & Infra: Kubernetes, Helm, RBAC, Internal Developer Platform (IDP), CloudNativePG, OCI, Quay.io, GHCR, GitHub Actions, CI/CD, Docker, multi-stage builds, ARM64, buildx, Release engineering

Payments: Stripe Billing, Stripe Connect, subscriptions, invoicing, webhooks

Cloud & Observability: Vercel, Azure, AWS, Sentry, PostHog

Experience

Full-Stack & Platform Engineer, Vertigo Tecnologia (VeeCode) Feb 2026 – present

Principal engineer for VeeCode DevPortal, an open-source Internal Developer Platform built on Backstage, and the SaaS layer that provisions and orchestrates its instances. Working from product to infrastructure in direct contact with the CTO/CPO: architecture, features, DevOps, and roadmap.

- **Agentic CI (Security & Maintenance):** Built a pipeline of AI agents that remediate CVEs autonomously: they decide what to fix vs. escalate via dependency analysis, validate build/tests/lint, open auditable PRs, with retry and escalation to a human, resulting in 100+ CVEs remediated.
- **DevPortal as an AI Tool (MCP):** Exposed the Backstage action catalog as services, templates, scaffolding, and documentation via MCP, accessible from AI assistants for querying and provisioning; per-user identity (OAuth 2.0 DCR) with auditable actions and autodiscovery without manual setup.
- **Self-Service Plugin Marketplace:** Turned the build-time plugin system into a dynamic marketplace: a catalog of 120+ extensions with automatic configuration via metadata and a custom backend that worked around a production blocker in the upstream open-source project.
- **Multi-tenant Platform & SaaS:** Provisioned isolated instances in a dedicated Kubernetes namespace (Helm), abstracting cluster operation via terminal into a self-service lifecycle (provision/pause/destroy), with a dedicated database (CloudNativePG) and real-time failure diagnostics.
- **Self-Service Onboarding & Integrations:** Designed and implemented the flow from signup to a configured portal without DevOps: product name, defaults, and 10+ integrations through guided forms instead of manual YAML, removing setup friction for non-technical users.

Full-Stack Developer & AI Products, Hyperfy (Aivia Platforms Inc.)

Nov 2024 – Jan 2026

White-label multitenant AI SaaS; end-to-end responsibility for the platform's core surfaces (multi-tenancy, payments, and AI in production).

- **Multi-tenant Platform & Custom Domains:** Built tenant routing at the Edge (middleware) and a reverse proxy for custom domains (subdomain + domains), with context propagation and verification/healthcheck routines; 3,000+ tenants and 66+ domains.
- **Payments (Stripe Billing + Connect):** Structured subscriptions/invoices and tiered revenue sharing (fee/payout), handling hundreds of events/day and strengthening payout integrity (locks, duplicate prevention, availability window + auditing/alerts).
- **AI in Production:** Built an AI chat with streaming and tool-calling (Vercel AI SDK), with per-user encryption at rest (AES-256) and multi-provider support.
- **Workflows/Agents:** Orchestrated workflows with LangGraph (20+ reusable nodes) and human-in-the-loop for resumable flows.
- **Global UX & Analytics:** i18n in 10 languages (incl. RTL) and multi-currency support (USD/EUR/GBP/BRL), plus funnel instrumentation with checkout event dedupe and server-side conversion tracking.

Mid-level Front-end Developer, GSS Impact Development Company Feb 2023 – Nov 2024

ESG and climate products; delivered client platforms and internal tools in Next.js/TypeScript for enterprise and public-sector clients.

- **Product Delivery:** Built the core UX of a climate-action platform for small and micro businesses, covering emissions inventory, public profiles, and content/training surfaces.
- **Dashboards & Data Viz:** Integrated the calculation engine into the frontend and user/admin dashboards with charts, insights, and API-driven reports.
- **Checkout & Subscriptions:** Built subscription/checkout flows and the carbon-offset purchase experience, focused on clear plans and low friction.
- **Enterprise/Public-Sector Delivery:** Shipped production applications for high-visibility clients — Restaura Paraná (Government of the State of Paraná) and Ipiranga Empresas' Fleet Emissions Calculator.

Education

Universidade Cruzeiro do Sul, Bachelor's in Computer Science – Brazil Jan 2019 – Dec 2023

Rocketseat, Bootcamp in Programming – Brazil Aug 2021 – Aug 2022

Intensive bootcamp focused on accelerating developers' entry into the market, with structured technical training in independent tracks where one technology is explored in depth.

Languages

English — B2 · Portuguese — Native

Projects

cc-cockpit

Observability layer for N parallel Claude Code agents: a single terminal capturing events, status, and lifecycle across all sessions.

Scribe

An extensible preset-engine skill that turns fragmented work evidence into a reusable pipeline. Evidence → normalization → preset → operational artifact. The preset defines the artifact; the evidence doesn't change.

Vértice

Projection engine that models 12-month credit-card return over a multidimensional spending profile, with per-category decomposition.

Planify

Financial manager for couples with family-level multi-tenant data isolation and an analytics layer.