

Gabriel Andrade

Software Engineer · AI Agent Workflows

Guarulhos, Brazil · English: advanced · Portuguese: native

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PROFILE

Software engineer with professional experience in frontend development and product design since 2021. Independent work through Pandora focuses on AI-assisted engineering, agent workflows and operational tooling. Uses Claude Code and Codex for repository analysis, planning, implementation and review, with explicit constraints and verification of results.

RELEVANT INDEPENDENT ENGINEERING

Pandora — Agent workflows & operational tooling

Independent project · Personal operational environment · [Technical case study](#)

- Structure task context, integration requirements and acceptance criteria; review and verify agent-assisted changes across coding workflows.
- Work with execution visibility and operational verification. The environment's documented reliability work includes correcting repeated MCP startup, accounting for connections in progress during discovery, and verifying one server instance after activation.
- Use operational records to distinguish mitigation from resolution: a Tempo recovery was checked through trace search and retrieval, with recurrence prevention retained as follow-up work.
- Maintain a clear distinction between tested orchestration components, activated behavior and remaining rollout work.

B-Boss Club — Product engineering

Independent product · Pilot testing · React, TypeScript, Fastify, Prisma, PostgreSQL

Lead product design and implementation for a barbershop platform. Shared packages and data contracts in an Nx workspace connect customer, business and administration interfaces.

PROFESSIONAL EXPERIENCE

Acesso Energia — Frontend Development & UI Design

October 2021 – Present · Scope across roles

- Build responsive interfaces and reusable components with React, JavaScript and Tailwind CSS, integrating APIs and collaborating across technical and business teams.
- Created the company's core design system and led the migration from vanilla CSS to Tailwind, establishing shared interface patterns.
- Designed and maintained 1,000+ screens and 200+ product flows across internal platforms, client portals and mobile experiences.

Ômega Digital Center — Technical Support & Infrastructure

March 2019 – October 2021 · Scope across roles

Provided technical support, maintained network infrastructure and investigated incidents affecting operational continuity.

TECHNICAL FOCUS

TypeScript · JavaScript · React · Node.js · API integration · Git/GitHub · Claude Code · Codex · MCP · Agent workflow design · Technical documentation · Review and verification

Independent environment: Python tooling, Fastify, PostgreSQL, operational records and observability workflows.

EDUCATION

FIAP — Postgraduate studies, Full Stack Development · 2025–2026

FIAP — Associate degree, Systems Analysis and Development · 2021–2022