

Gabriel Augusto

Software Engineer, focused on applied AI · Contagem, MG, Brazil (UTC-3) · Remote

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SUMMARY

Software engineer with 3+ years in production, now focused on applied AI: LLM features with tool use, evals, and defending against prompt injection. Built multi-tenant Node.js and TypeScript services (Redis, BullMQ, AWS SQS) and accessible public-sector front ends. Three public repositories measure LLM behavior against real data instead of demos.

EXPERIENCE

Software Engineer II · Clube Certo April 2025 - October 2026

- Built and maintained Node.js and TypeScript services for multi-tenant white-label products, with Redis caching and asynchronous integrations on BullMQ and AWS SQS.
- Eliminated critical N+1 queries across MySQL/Sequelize endpoints, cutting response times on core API routes.
- Managed AWS infrastructure (EC2, S3, CloudFront, Amplify) and took part in monitoring and incident response for production workloads.

Node.js, TypeScript, MySQL, Sequelize, Redis, BullMQ, AWS SQS, EC2, S3, CloudFront, Amplify

Software Developer · PRODEMGE February 2023 - February 2025

- Built interfaces for the IPSEMG Portal, the social security platform for Minas Gerais state employees, following WCAG accessibility standards and public-sector data rules.
- Delivered responsive interfaces across React, Angular and Vue codebases in Agile/Scrum teams, with code review, Git Flow and GitLab CI/CD.

React, Angular, Vue.js, TypeScript, Bootstrap, GitLab CI/CD

PROJECTS

triage-agent · github.com/Brolly26/triage-agent 2026

- Classifies GitHub issues and escalates to a human when it should not decide alone. CLI plus a GitHub Action that only adds labels.
- Scored against maintainers' labels on 49 real issues: rules answered 8% of VS Code issues, Claude 85%, right on 88% of those. On 81 more, its stated confidence tracked its accuracy. Injection payloads never produce a drafted reply.

TypeScript, Claude API (structured outputs), evals, calibration, GitHub Actions

Signal · github.com/Brolly26/signal 2026

- Turns customer feature requests into reviewable recommendations: Claude works out the underlying problem, searches existing requests through one read-only tool and proposes related requests with evidence; a product manager approves or rejects each one.
- The model has no write access and every reference it returns is checked against data the backend fetched. The first real-model run failed on a JSON schema the API rejected, which 224 scripted tests could not catch; fixed and documented.

Python, FastAPI, Pydantic, PostgreSQL, Claude API (tool calling, structured outputs), Next.js, pytest, Docker

SiteCheck AI · github.com/Brolly26/IACheckSite 2026

- LLM site audit returned as a PDF. The audited page is attacker-controlled text; I hardened the prompt path and wrote negative evals that prove it. Rule-based fallback when the model is down; mutation-tested suite gated in CI.

TypeScript, Node.js, Next.js, OpenAI API, Puppeteer, evals, CI gates

Luna · Creator · private repository, walkthrough on request 2026

- Built it alone: a multi-tenant WhatsApp assistant for clinics whose Claude agents use tool use to book appointments and hand off to a human. Per-tenant isolation, BullMQ + Redis with retries. Not commercially launched.

Claude API, Node.js, TypeScript, Next.js, BullMQ, Redis, Supabase, WhatsApp Cloud API, AWS

SKILLS

Applied AI: Claude and OpenAI APIs, tool calling, structured outputs, human-in-the-loop review, evals and regression tests, prompt-injection hardening, confidence calibration

Backend: Node.js, TypeScript, Python, FastAPI, Pydantic, REST APIs, PostgreSQL, MySQL, Sequelize, Supabase, Redis, BullMQ, AWS SQS

Frontend: Next.js, React, Vue.js, Angular, Tailwind CSS, Bootstrap, WCAG accessibility

Cloud & tools: AWS (EC2, S3, CloudFront, Amplify), Docker, GitHub Actions, GitLab CI/CD, Git, pytest

Languages: Portuguese (native), English B2 (exchange program in Halifax, Canada, 2022)

EDUCATION

Postgraduate Specialization, Software Engineering · Faculdade Unypública Aug 2026 - present

System Analysis and Development (technology degree) · Universidade Estácio de Sá Oct 2022 - Jun 2025

Technical Course in Systems · SENAI Feb 2021 - Aug 2022