

MARCUS EVANDRO GALVÃO BONI

Software Engineer | Full Stack & Applied AI
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PROFESSIONAL SUMMARY

Software engineer with 3+ years building enterprise web applications in React, Next.js, TypeScript and Node.js, and applying generative AI across the engineering lifecycle. Shipped multi-role portals, financial modules and Sankhya ERP integrations across 6 regulated sectors. Build end-to-end LLM systems — RAG over private corpora, agent orchestration, local inference and quality evaluation. Also lead technical enablement: design and facilitate applied-AI training for client teams and internal front-end architecture meetups.

TECHNICAL SKILLS

- Languages:** TypeScript, JavaScript, Python, C#, Java, SQL
- Front-end:** React, Next.js, React Native, Tailwind CSS, MUI, design systems, accessibility, web performance
- Back-end & Data:** Node.js, REST APIs, FastAPI, PostgreSQL, SQL Server, Supabase, Neon, Firebase, Drizzle ORM
- Applied AI:** LLM APIs (Claude, GPT, Gemini), RAG, embeddings and vector databases (ChromaDB), LangChain/LangGraph, Ollama, agent orchestration, MCP, prompt engineering, evaluation and guardrails
- Cloud & DevOps:** Microsoft Azure, Azure DevOps, Docker, CI/CD, Vercel, Git and GitHub
- Integrations:** Sankhya ERP, enterprise authentication (OAuth/JWT), Firebase Storage, legacy systems
- Practices:** Scrum and Kanban, code review, automated testing, requirements gathering, UAT with key users

WORK EXPERIENCE

OPTSOLV — Vila Velha, ES, Brazil

Software Engineer

03/2025 – Present

- Shipped the customer portal integrated with Sankhya ERP, replacing manual requests to the service team with self-service, building the front end in Next.js/TypeScript over a REST integration layer with enterprise authentication.
- Modelled a payment-plan module covering compound rules for due dates, interest, grace periods and adjustments, eliminating spreadsheet-based reconciliation by translating business rules with key users into Azure DevOps work items and covering calculations with automated tests.
- Delivered multi-role enterprise systems across 6 regulated sectors — healthcare, manufacturing, logistics, environmental, virtual service and real estate — spanning financial modules, contract management, measurements, notifications and dashboards.
- Cut defects reaching production by introducing severity-based bug triage and UAT rounds with key users before every release.
- Shortened the requirement-to-deploy cycle by standardising coding-agent usage (Claude Code, Codex, Antigravity) with per-repository version-controlled instruction files and mandatory critical review at pull request.
- Trained client teams in applied AI for daily work, designing and facilitating 4-hour sessions with an original facilitator guide, case study, dataset and deck.

Frontend Developer

06/2024 – 03/2025

- Implemented responsive interfaces from Figma designs with visual fidelity validated in design review, applying React, TypeScript and Tailwind CSS.
- Evolved the internal front-end SDK reused across company projects, cutting duplicated code through typed, reusable components and consistent prop contracts.
- Integrated .NET APIs into the front-end ecosystem, standardising typed contracts and a centralised client that shortened per-endpoint integration time.
- Containerised and deployed applications to Microsoft Azure with Docker, making deployments reproducible across environments.
- Created and led internal meetups on architecture and front-end best practices, raising adoption of the componentisation standard across the team's new projects.

FREELANCE — Remote

Front-end Web Developer

01/2023 – 05/2024

- Delivered landing pages and corporate websites for direct clients, optimising Core Web Vitals through image compression, code splitting and server-side rendering.
- Ran projects end to end with no support team — client requirements gathering, back-end API and third-party service integration, Git versioning and deployment.

PROJECTS

Jarvis — github.com/Marcus-Boni/Jarvis

Fully local personal AI assistant. RAG over a private corpus with ChromaDB, orchestration via LangChain/LangGraph, local inference through Ollama and transcription with faster-whisper. Python/FastAPI backend, Next.js dashboard and integrations with Google Calendar, Outlook, Notion and Spotify.

Nexus

Local-first platform for orchestrating multiple coding agents (Claude Code, Gemini CLI, Codex CLI) over a shared knowledge graph. Next.js 15, Turso/libSQL, Drizzle ORM, node-pty, xterm.js and Three.js.

OptTime — github.com/Marcus-Boni/OptTime

Time-tracking system built during an internal OptSolv hackathon. Next.js 15, Neon PostgreSQL, Drizzle ORM and Better Auth, with a Linear-inspired dark UI.

EDUCATION

Instituto Infnet — BSc in Software Engineering | 04/2023 – 04/2027 (in progress)

LANGUAGES

Portuguese (native) · English (full professional) · Spanish (elementary)

CERTIFICATIONS

TypeScript · JavaScript · Git and GitHub · SASS and Webpack