

GABRIEL CAMARA CARVALHO

Senior Fullstack Engineer · AI Engineer

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Fullstack engineer with 14+ years building web platforms for financial services, government and SaaS: Angular from 2 to 20+, TypeScript, NestJS and Java/Spring Boot, with Node.js, TypeORM and AWS/Azure behind them. I have delivered complex, high-performance enterprise platforms and mentored engineering teams at companies in Brazil, Canada, the USA, the UK and Chile. Since early 2025 I build with AI every day, from local models through Cursor to Claude Code, which since February 2026 is the way I work: skills, hooks and specialist agents encode how I triage, refine, implement and test, and nine products have shipped end to end with it.

• Open to senior fullstack and AI engineering roles – remote

TECHNICAL SKILLS

Frontend	Angular 2–20+ · TypeScript · JavaScript · RxJS · HTML5 · CSS3/SCSS · ag-Grid · Three.js
Backend	NestJS · Node.js · Java 8/11/17 · Spring Boot · TypeORM · Hibernate · REST APIs
Data & Cloud	MySQL · PostgreSQL · Supabase · AWS (RDS, Lambda, EC2) · Azure · Docker · Git
Mobile & Desktop	React Native / Expo · Electron · Swift (watchOS targets)
AI tooling	Claude Code · Codex CLI · Cursor · Claude API · Qwen via Ollama / LM Studio · MCP servers · Agent skills and hooks · Hermes Agent · Graphify · RTK

PROFESSIONAL EXPERIENCE

DreamDev · Senior Fullstack Engineer Mar 2023 – present · UK · Remote

- Built and optimized a financial application in Angular 12 to 16, resolving critical performance bottlenecks and delivering complex, high-impact features.
- Developed back-end services in Node.js/NestJS, including multi-database TypeORM integrations and audit logging on AWS RDS.
- Worked with cross-functional teams to pay down technical debt and raise code quality across the platform.

Angular · NestJS · TypeORM · MySQL · AWS RDS · Kotlin/Spring (workflow services)

TrueLogic · Senior Frontend Engineer Oct 2021 – Mar 2023 · USA · Remote

- Led the creation of a reusable Angular component library that modernized the UI across several enterprise applications.
- Designed responsive, modular components with strict attention to accessibility and performance.
- Part of a specialized "SWAT team" deployed to rapidly improve and standardize frontends across the company.

Angular · TypeScript · SCSS · Component libraries

Aequilibrium · Senior Frontend Engineer Jan 2021 – Oct 2021 · Canada · Remote

- Customized and extended a white-label banking platform's products in Angular 10+.
- Built and maintained the back-end services behind those products in Java 8.
- Delivered fixes and improvements to production-critical, customer-facing projects.

Angular 10+ · TypeScript · Java 8

Fortaleza City Government · Fullstack Engineer & UI/UX Designer Apr 2016 – Jan 2021 · Brazil

- Developed and maintained government systems in Java (Spring/JSF) and Angular 9+.
- Created UI/UX prototypes and design assets in Adobe XD, Illustrator and Photoshop.

Java · Spring · JSF · Angular 9+ · Adobe XD

CPQi · Team Leader & Java Engineer Jul 2013 – Mar 2016 · Brazil / Chile

- Delivered solutions on Calypso financial software for international banking clients, including HSBC Chile.
- Led a team building a new enterprise application from scratch in VB.NET.

Java · Calypso · VB.NET

AI ENGINEER

I started in January 2025 with local models and editor assistants: Continue and Ollama running Qwen on my own machine, then Cursor as the daily editor. In February 2026 Claude Code became the way I work, not autocomplete but a method: skills that encode how I triage, refine, implement and test; hooks that keep the output honest; specialist agents per repository; products shipped end to end, from an Apple Watch app to a 3D office for watching agents work. Around it sit a second opinion from Codex, knowledge graphs of the codebases, a persistent memory, morning runs that triage my board before the day starts, and a self-hosted stack of local models and agents.

Coding assistants Claude Code · Codex CLI · Cursor · Continue · Kimi Code · Manus AI
Models and inference Claude API · Qwen via Ollama · LM Studio · OpenAI-compatible local servers
Agents and orchestration Agent skills, hooks and subagents · MCP servers · Hermes Agent · Paperclip · Odysseus · Agent Town
Memory, context and tooling ai-memory · Graphify knowledge graphs · RTK · LanceDB RAG · Claude Design canvases
21 skills · 14 hooks · 4 specialist agents · 3 scheduled runs · 580+ sessions · 9 products shipped

SELECTED PROJECTS

Health Tracker	Train, recover and understand your own data, on the phone and on the wrist.	TestFlight
Agent Town	Watch your AI agents work, and talk to them, in a 3D office.	Open source
Quill	Proofreads and rewrites your text in any Windows app, with a local model.	Shipped
MD Viewer	Read Markdown instantly and compare two documents side by side.	Shipped
Clock Manager	Keep every timezone you work with on screen, in one floating widget.	Shipped
TagYa	Design and print labels on Niimbot thermal printers, from the browser or the phone.	Live

EDUCATION

Bachelor's Degree in Computer Science · Universidade de Fortaleza (UNIFOR) · 2022

CERTIFICATIONS

Building with the Claude API	Anthropic · Jul 2026
Claude Code in Action	Anthropic · Jul 2026
Introduction to Model Context Protocol	Anthropic · Jul 2026
Introduction to Agent Skills	Anthropic · Jul 2026
NestJS: The Complete Developer's Guide	Udemy · May 2024
JavaScript Automated Tests	EW Academy (Erick Wendel) · Apr 2024
Docker: Ferramenta essencial para Desenvolvedores	Cod3r · Nov 2019
Oracle Certified Java Programmer 6 (OCJP)	Oracle
Sass e Compass: Descomplicando o CSS	Alura
JavaScript: Programando na linguagem da web	Alura
HTML5 e CSS3 II: Turbinando as suas páginas	Alura

LANGUAGES

Portuguese (native) · English (fluent) · Spanish (advanced)

DESIGN & PROTOTYPING

Adobe XD · Photoshop · Illustrator · Figma