Gabriel Camara Carvalho

Senior Fullstack Engineer · AI Engineer

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SUMMARY

Fullstack engineer with over a decade building software 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 twelve 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 · Langfuse

PROFESSIONAL EXPERIENCE

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

- Carried a financial platform from Angular 12 to 16 and cleared the bottlenecks that made it slow to use: 47% less main-thread work and 44% less long-task time on its heaviest screen, measured before and after.
- Built the NestJS services behind it: multi-database TypeORM access and an audit trail on AWS RDS.
- Built the design-system team a mockup builder: screens use the product's real components, so a mockup behaves like the product.
- Paid down technical debt with cross-functional teams, trading workarounds for fixes that held.

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

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

- Led the Angular component library — 50+ components — that became the shared UI base for around eight enterprise applications.
- Set its accessibility and performance baseline, which every app that adopted the library inherited.
- Sat on the SWAT team the company sent in to standardize frontends that had drifted apart.

Angular · TypeScript · SCSS · Component libraries

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

- Shipped features into one mature white-label banking product — a micro-frontend architecture on a contract-first API — in Angular 10+ over Java 8 services.
- Changed code already live in front of bank customers, and kept it working while it changed.

Angular 10+ · TypeScript · Java 8 · Micro-frontends

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

- Built and kept four municipal systems running for close to five years, in Java (Spring/JSF) and Angular 9+.
- Designed the screens in Adobe XD, then built them: same hands on the UI/UX and on the code.

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

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

- Put Calypso solutions into production for around four international banks, HSBC Chile among them.
- Led a team of three that took a new enterprise application from an empty repository to delivery 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 · RTK · Langfuse · LanceDB RAG · Claude Design canvases

21 skills · **18** hooks · **4** specialist agents · **3** scheduled runs · **650+** sessions · **12** products shipped

SELECTED PROJECTS

Quality Gate	Score what an AI coding agent delivered against its ticket, and refuse the PR when it falls short.	In daily use
Eter	An Avatar fan game: Aang fights through the Spirit World, one run at a time.	In progress
Screen Recorder MCP	Let your AI agent record a clean demo of one app, with nothing on top of it.	Open source
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
TagYa	Design and print labels on Niimbot thermal printers, from the browser or the phone.	Live
Passkey SSO	An OpenID Connect provider with passkey login and no passwords, shared by my apps.	Private
Mockup Builder	Compose screens from a product's real components, so a mockup behaves like the product.	Internal tool
Virtual Lighting	A lighting crew for your webcam: drag the lamps around your own face and room, mid-call.	Open source
Also	Camera Hub · Langfuse + Claude Code	

CERTIFICATIONS

Building with the Claude API · Anthropic · Jul 2026

Introduction to Model Context Protocol · Anthropic · Jul 2026

NestJS: The Complete Developer's Guide · Udemy · May 2024

Docker: Ferramenta essencial para Desenvolvedores · Cod3r · Nov 2019

Sass e Compass: Descomplicando o CSS · Alura

HTML5 e CSS3 II: Turbinando as suas páginas · Alura

Claude Code in Action · Anthropic · Jul 2026

Introduction to Agent Skills · Anthropic · Jul 2026

JavaScript Automated Tests · EW Academy (Erick Wendel) · Apr 2024

Oracle Certified Java Programmer 6 (OCJP) · Oracle

JavaScript: Programando na linguagem da web · Alura

EDUCATION & LANGUAGES

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

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

Design & prototyping: Adobe XD · Photoshop · Illustrator · Figma