

Jader Moraes da Silva *AI Engineer & Tech Lead*



📍 Joinville, Brazil — Remote worldwide

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Profile

AI Engineer and Tech Lead with **15+ years** shipping production systems across government procurement, real-estate fintech, and last-mile logistics. I architect agentic systems on **Claude, OpenAI, and the Anthropic SDK** — and the surrounding infrastructure: APIs, dashboards, mobile, cloud. I own delivery end-to-end, from kickoff through production observability.

Projects

Personal Agent — Cross-device AI Command Center • self-built, 2024–present

A multi-LLM personal AI assistant accessible from any device. **~75 production tools** spanning Jira, Harvest, GitHub PRs, calendars, and scheduling — all behind one tool loop.

- **Extensible LLM registry** abstracts Claude / OpenAI behind one interface; switch model per client.
- **Real Claude Code PTY sessions** streamed over WebSocket from the laptop to phone/tablet with auth.
- **Inbound:** Telegram bot (3 modes) + WhatsApp via Baileys bridge + voice via Whisper.
- **Scheduling:** natural-language → cron parser, AI plan builder, morning briefing, Pomodoro, PR/Jira/ calendar watchers.
- **Zero-trust auth** via Cloudflare Access + Cloudflare Tunnel — no exposed ports.
- Per-conversation token accounting and full agent-action audit log.
- **Stack:** Node.js · TypeScript · Angular · SQLite · Anthropic SDK · OpenAI SDK · WebSockets · node-pty · Baileys · Cloudflare Tunnel jader.mrcodeit.com/projects/personal-agent 📄

Project Delta — Multi-Profile AI Content Production Platform • self-built, 2025–present

A full content-production platform — not just a scheduler. Each profile owns N social accounts across **TikTok / Instagram / YouTube / Linktree**, with its own brand voice, rules, narrator, visual identity, and posting cadence.

- **Pipeline:** source → script (**Claude**) → narration (**ElevenLabs**) → video render → publish, with workflow gates between stages.
- **8-tab strategy editor** per profile: About · Rules · Source · Sound · Look · Schedule · Workflow · Connections.
- **Template system** with system prompt + timed segments (Hook / Setup / Escalation / Climax / Cliffhanger).
- **Playground sandbox:** validate ideas with any template, generate, render — promote what works to a real profile.
- Hard rule enforcement at generate time: forbidden words, required CTA, hashtag policy, caption length caps, emoji policy.
- Per-scene media chains with stock fallback (Pexels), Ken Burns, text overlays.
- **Stack:** Python · FastAPI · SQLAlchemy · SQLite · Anthropic SDK · ElevenLabs SDK · TikTok / Instagram / YouTube APIs · Linktree · Pexels jader.mrcodeit.com/projects/project-delta 📄

Work Experience

Full Stack Developer

12/2023 – Present

Integritas - Periscope Holdings

Remote, USA

- Building features and integrations on **ePro**, a U.S. government procurement platform used by procurement agencies across multiple U.S. states.
- Working on a **~20-person** engineering team using **Java, Spring Boot, JSF (PrimeFaces), Angular, Liquid scripting**, and a microservices backbone.
- Owning vertical slices of feature delivery — from API design to UI polish — across the existing PrimeFaces and Angular surfaces.

Tech Lead/Full Stack Engineer

09/2020 – 12/2023

FundStar

Amsterdam, Holland

- Led the modernization of a **strategic dashboard tracking ~€2B+ in real-estate investments** across European funds, used daily by analysts and portfolio managers.
- Migrated **~80 screens** from legacy AngularJS (v1) to **Angular 15+**, with measurable performance and maintainability gains.
- Promoted to Tech Lead — rolled out **CI/CD pipelines, test automation, and cloud infrastructure** on Azure DevOps.
- Designed and shipped a **Data Lake architecture** (Azure Data Lake + PySpark + Apache Spark) powering nightly portfolio refreshes over millions of property and transaction rows.
- Backend stack: **C# (.NET Core, Entity Framework)** and **Java Spring Boot** with **Quartz** for scheduled jobs. **Terraform** for infrastructure-as-code.

Software Manager

08/2016 – 07/2020

Atenas Delivery Control

Joinville, Brazil

- Led architecture and delivery of a last-mile logistics platform handling **~3,500 deliveries/day** across multiple Brazilian cities, with **~150 active drivers** in production at peak.
- Built dashboards, mobile apps, and backend services using **Vue.js, Angular, Node.js, Python, and Java (Android)**.
- Leveraged **AWS Lambda** for scalable serverless backend tasks.
- Took dual role as **Tech Lead and Product Owner** — managed dev team and roadmap.
- Shipped real-time tracking and route-optimization tools used in day-to-day operations.

Senior Full Stack Engineer

06/2015 – 03/2016

Gesplan

Joinville, Brazil

- Led a **budget and financial-planning system** for enterprise clients — full-stack ownership of the budgeting module in **C++, C#, SQL Server**.
- Delivered automated features, external integrations, and managed a small team to delivery.

Senior Developer

06/2013 – 06/2015

M&O Software

Joinville, Brazil

- Main developer on a logistics platform — Delphi, Java, C# — focused on integrations and legacy code modernization across heterogeneous environments.

Backend Developer

01/2013 – 06/2013

MWA Softwares

Joinville, Brazil

Main developer on a Sales form application performing maintenance and new features, analyzing customer experience on day-to-day operations

- Delphi, C#, SQL Server

Backend Developer

04/2010 – 12/2012

Sisven Softwares

Barra Velha, Brazil

- Delphi, SQL Server

Skills

AI & Agents — Claude · OpenAI · Anthropic SDK · multi-LLM orchestration · tool design at scale (75+ shipped) · agent memory & scheduling · PTY streaming · Claude Code integration

Backend — Java · Spring Boot · Node.js · Python · C# (.NET Core) · Entity Framework · Quartz · Microservices · Serverless (AWS Lambda, Cloudflare Workers)

Frontend & Mobile — Angular (2+ through 20) · Vue.js · React · Astro · TypeScript · Flutter · Android (Kotlin / Java) · iOS

Cloud · DevOps · Data — Azure (DevOps, Data Lake, Functions) · AWS (Lambda, S3) · Cloudflare (Pages, Workers, Tunnel) · Terraform · CI/CD · Apache Spark · PySpark · SQL · Firebase

Leadership — Tech leadership · team building · architecture · scrum · product ownership · cross-timezone delivery

Languages

English



Portuguese



Interests

• Self-hosting

• open-source agents

• home-lab automation