DANIEL MOULAZ

SOFTWARE & AI AUTOMATION | NODE.JS, TYPESCRIPT, PYTHON, SQL, n8n AND LLM AGENTS

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SUMMARY

Since 06/2026 I independently find, build and own AI agents and automations in production at MBC, an online education company (built for seven expert-led operations; I work with four today). I sit with sales, support and product leads to map their processes, scope the solution, build it in n8n with Claude/OpenAI, Python or JavaScript, and keep it running: retries and duplicate prevention, logs, alerts, documentation and fixes when something breaks. About 300 delivered tasks in four months. Information Systems student at UFOP; I work AI-first with Claude Code every day and always review and test what the AI produces.

TECHNICAL SKILLS

AI agents and LLMs: OpenAI and Claude APIs, agent design with tools and handoff, RAG pipelines and vector search, prompt and context engineering, evaluation of answer quality and cost.

Automation and integrations: n8n workflows, REST APIs, webhooks, CRM (GoHighLevel), Chatwoot, WhatsApp APIs, document and form processing, lead follow-up and scheduling flows.

Development: Python (FastAPI), TypeScript/JavaScript, Node.js, React, SQL and PostgreSQL/Supabase, Docker, Git, CI/CD and deploys on Vercel and Railway.

Security and reliability: role-based access, handling of sensitive client data, logs and incident investigation, regression testing.

EXPERIENCE

MBC Negócios Digitais e Tecnologia | Operations, Automation & AI Intern 06/2026 – Present

- Knowledge-base agents on WhatsApp and Chatwoot, built for 7 operations (n8n + Claude/OpenAI): base built from real support answers, human handoff without duplicate replies, a status-broadcast guard, concurrency limits and a session monitor with alerts.
- Curation panel (Vercel + Postgres): a workflow mines new questions from conversations, the support team approves them and only then they are published to the agents' knowledge base.
- RAG assistant for students: recurring evaluation of conversations with SQL (quality, grounding, tokens, cost), prompt and context fixes; caught a regression after a release and shipped a hotfix.
- n8n integrations across payment platforms (Guru, Kiwify, Hubla, TMB), CRM, member areas and WhatsApp via webhooks and REST APIs, with a fail-safe rule: if a data read fails, no access is revoked; plus an alert when AI API credits run low.
- Internal systems in React/TypeScript + Supabase (unified bonus-release panel for four operations, CRM, class scheduler), with access control and documentation of what changed and what was tested.

Handshake AI | AI Evaluation Specialist (Portuguese, freelance) 10/2026

Evaluated and compared AI model responses in Brazilian Portuguese; all submitted tasks approved.

Pacaembu Autopeças | Sales Apprentice 09/2025 – 03/2026

Sales KPIs and Excel reporting, data checks and communication between teams.

SELECTED PROJECTS

Nexo | Flutter, Dart, SQLite, Supabase, MCP | GitHub

Personal finance app for Android and Windows, built alone and used daily: Supabase sync, Open Finance with review before anything is recorded, an MCP connector with 98 tools and 91 test files.

SupportFlow AI | Node.js, TypeScript, Fastify, Zod, OpenAPI | GitHub

Support-ticket API with typed validation, centralized error handling, Swagger docs and automated tests in CI/CD.

Aresta | Python, FastAPI, PostgreSQL, Docker | GitHub

Webhook intake with HMAC signatures, idempotency, retries and a dead-letter queue: no lost or duplicated events.

SEPTEM Cinemas | React, TypeScript, Node.js, PostgreSQL | GitHub

Published full-stack app built AI-first, with a documented AI-usage log and 300+ automated tests.

EDUCATION

Federal University of Ouro Preto (UFOP) — B.S. in Information Systems | 03/2026 – present (in progress, evening classes)

Additional training: Santander + Alura/FIAP — Data Analysis & AI: Foundations (120h, completed — Excel, Power Query, Power BI, DAX, generative AI and prompt engineering) and Boost (148h, 17 of 18 courses — data modeling, DAX, SQL, Python; in progress)

LANGUAGES

Portuguese (native) · English (upper-intermediate, B2: strong technical reading and writing) · Spanish (basic)