

TALYSSON OLIVEIRA

Full-Stack / Product Engineer

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PROFILE

Full-stack engineer building production B2B products in TypeScript and Python. I design around clean architecture — Domain-Driven Design and hexagonal, applied in both languages — so business rules stay independent of frameworks, databases and AI providers. Founder of Leangency, where I have delivered three client products now running in production and am building Aurora, an AI-assisted CRM. Completing a BEng in Software Engineering. **Right to work in the UK (EU Settlement Scheme) — no sponsorship required.**

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Stack: Next.js, React, Node.js, tRPC, Prisma, PostgreSQL, Supabase, Redis, Docker

AI: LangChain, LangGraph, CrewAI, pgvector

Practice: Domain-Driven Design, hexagonal architecture, automated testing (Vitest, Playwright, Pytest), CI/CD

EXPERIENCE

Founder & Full-Stack Engineer — Leangency · 2024–Present · London

- Delivered and support three client products in production — a premium site for an audiovisual studio, a healthcare practice site, and a handmade-goods e-commerce with Stripe checkout — served through a multi-tenant portal I built on Next.js, Supabase, Sanity and Cloudinary.
- **Aurora (AI-assisted CRM) — flagship product, in pre-MVP testing.** Turborepo monorepo on tRPC, Prisma, PostgreSQL and LangChain/CrewAI, where specialised workers handle lead qualification and follow-ups while the core domain stays independent of any single AI provider. Delivered on a weekly sprint cadence, currently sprint 19 of 29.
- Applied hexagonal architecture across both languages — TypeScript in the product, Python in the governance tooling — with module boundaries enforced automatically in CI rather than by convention.
- **Built the tooling that keeps the codebase honest:** an N+1 query scanner with a regression baseline, a CI gate that fails merges when documentation and application routes diverge, and a backlog audit that flags work marked complete without supporting evidence.
- Built a client-acquisition system that discovers businesses with no web presence, runs structured performance and SEO audits, and prepares outreach — with per-source provenance tracking and a documented legitimate-interest basis under UK GDPR. Long-running work runs off the request path on BullMQ and Redis.
- Testing at unit, integration and end-to-end levels, including property-based tests and integration against real Postgres in containers; multi-tenant isolation covered by an explicit test matrix. Observability through OpenTelemetry and Sentry.

Freelance Software Developer — Independent Projects · 2018–2024 · Brazil / UK

- Delivered websites and landing pages for 10+ small-business clients, mostly in Brazil — scoping, build and launch handled end-to-end.
- Built and ran a delivery-workflow toolkit used daily by myself and fellow drivers: OCR extraction of delivery manifests into optimised multi-stop routes (100–150+ stops/day), plus automated reconciliation of delivery payments.
- Moved from operations and procurement systems into software engineering, relocating to the UK and completing a BEng in Software Engineering alongside client work.

Purchasing Manager — Masi Engineering & Projects · 2014–2018 · Brazil

- Coordinated procurement and built internal tracking systems supporting company-wide coordination; ran quality-assurance checks to catch errors and improve usability.

EDUCATION & CERTIFICATIONS

BEng Software Engineering — UNICESUMAR · 2022–2026

Software development, systems analysis and testing, cloud application development, cyber security, project management.

Certifications: AZ-900 Microsoft Azure Fundamentals · ITIL Foundation · Data Engineering Bootcamp (QA, Level 4) · Data Analysis Bootcamp (Babington, Level 3)