Vitor Diricio

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Professional Summary

Solutions Engineer and Tech Lead (*Forward Deployed Engineer*) with 5 years in technology consulting, taking AI, data and full stack software from idea to production for clients across Latin America, Europe and the US. Bridges business and code, from discovery and alignment with the client's leadership to end-to-end architecture and development. Focused on multi-agent systems, RAG and cloud platforms (GCP, Azure and AWS).

Skills

- **AI & ML:** multi-agent systems (LangGraph, MCP, OpenClaw, Hermes, n8n), RAG and LLM orchestration; XGBoost, regression, time series, SHAP, Scikit-Learn, Pandas.
- **Full stack:** TypeScript, Python (FastAPI), Next.js, React, Tailwind CSS, PostgreSQL (Supabase, Neon), Drizzle, Prisma, Docker, GitHub Actions, Vercel.
- **Cloud:** GCP (Compute Engine, BigQuery, Pub/Sub), Azure (AI Foundry, App Service), AWS (Lambda, API Gateway, EC2, S3), Terraform.
- **Languages:** Portuguese (native), English (advanced), Spanish (basic).

Professional Experience

FCamara — Digital Transformation & Technology Consulting São Paulo, SP, Brazil
Specialist Project Consultant / Tech Lead *01/2025 – 08/2026*
Senior Project Consultant → Specialist Project Consultant → Junior Project Manager

- **Carrefour — CORA:** led and built autonomous agents in Google Chat: a Business Agent that answers sales and commercial metrics questions with charts generated in the conversation, and a FinOps Agent that audits cloud costs. Ran the strategic meetings with Carrefour's leadership. *GCP (Compute Engine, Pub/Sub), Terraform, OAuth.*
- **Philips US** (via Future Works): built a logistics scenario simulator to forecast and optimize freight and *landed costs* from Costa Rica to the US and Canada, aligning daily with Supply Chain leadership. Designed a deterministic data pipeline (Excel → Parquet) that refreshes the simulations with no frontend rework. *Python, Next.js, Neon.*
- **Birmingham Bank (UK):** automated accounts payable with email triage via Logistic Regression/TF-IDF and PDF invoice extraction with GPT-4, validated *human-in-the-loop*. The deployment fix became a technical article. *Azure AI Foundry, Azure App Service, Next.js.*
- **FCamara — Synforce:** delivered HR agents (Synthia and BP) on Microsoft Teams and WhatsApp, with anti-hallucination governance and a knowledge base synced in real time with SharePoint, without a traditional RAG pipeline. *AWS, Terraform, Docker, TypeScript.*
- **Grupo Dia:** built a public tender RPA, with ETL of unstandardized notices (PDFs, spreadsheets, CSVs) via MarkItDown and OCR, and a triage dashboard. *Python, React.*
- **TV Globo, TV Azteca and Cogna:** built audience prediction models and a Marketing Mix calculator (Globo), optimized ad slot allocation under commercial constraints (TV Azteca) and developed an executive dashboard for startup investments (Cogna). *XGBoost, Python, Gradio, Next.js.*

.Monks — Global Digital Transformation & Media Services São Paulo, SP, Brazil
Business Consultant | Monetization, Data & AI *08/2021 – 12/2024*
Publisher Solutions Intern → Publisher Assistant → Associate Business Consultant → Business Consultant

- **Publisher Solutions:** implemented and optimized digital monetization for high-traffic publishers such as **iCarros** and **Serasa**, whose ad operation averaged **R$ 4 million per month**. Ran inventory diagnostics to find lost revenue and optimize tags. *GAM, GTM, GA4, BigQuery, Looker Studio.*
- **Nubank — NuFlow:** built a generative AI copilot for campaign copy and images, used by the creative and copywriting teams, built in the early days of commercial generative AI. *React, TypeScript, AWS Lambda, FAL AI.*
- **Banco BV:** delivered a generative AI platform for advertising copy within the bank's financial compliance rules.
- **BMW and Netflix:** built social media sentiment analysis with NLP and a RAG chatbot over global campaigns (BMW), and process mining on Jira tickets to find bottlenecks (Netflix). *Python, Streamlit.*
- **Internal:** created a weekly project status tool adopted by multiple teams to give leadership visibility. *Google Apps Script.*

Education

Federal University of ABC (UFABC) São Paulo, SP, Brazil
B.Sc. in Computer Science *01/2021 – 12/2024*
B.Sc. in Science and Technology (09/2018 – 12/2021)

Independent Projects

- **Artigas Imobiliária:** real estate website and management platform, from the property catalog to marketing, with Meta Ads campaigns and the lead funnel in one dashboard. *Next.js, Supabase, Meta Graph API, GA4, MCP.*
- **WizyCash:** personal finance app on Open Finance that connects your accounts, organizes spending on its own and turns your budget into a game. *Expo, React Native, Neon, Drizzle, OpenRouter.*
- **Figurix** (World Cup sticker album cataloged by voice with Google Gemini) and **Postos Blue** (SaaS for fuel station networks with WhatsApp Cloud API).

These and more at vitordiricio.dev.br/en/projetos.