Caio Victor Pereira

Full Stack Engineer
caiovictor.pcb@gmail.com | linkedin.com/in/caiovictorpcb | github.com/caiovictorpcb

PROFESSIONAL SUMMARY

Full Stack Engineer with 5 years of experience building products that combine **web applications, data pipelines and AI**. Builds the **ETL pipelines and analytics dashboards** that ExxonMobil's trading teams rely on, and has shipped **LLM-powered features** such as data enrichment and agent chat for an AI platform in private markets. Works directly with business experts to turn requirements into production software.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Frontend: React, Next.js, Vite, Zustand, Highcharts, Recharts

Backend: Node.js, NestJS, FastAPI, GraphQL, REST APIs, Prisma, Redis, Pydantic

Data: Databricks, Pandas, PostgreSQL, MongoDB, Snowflake, CosmosDB, Selenium, BeautifulSoup

AI: LLMs, RAG, AI agents, MCP, LangChain, LlamaIndex, OpenAI, Gemini

Cloud & Testing: AWS, Docker, Jest, Vitest, Cypress, Pytest

PROFESSIONAL EXPERIENCE

Full Stack Engineer · ExxonMobil July 2025 – Present

Internal analytics tools for the company's global trading organization.

- Worked with traders and analysts to turn slow legacy workflows into self-service dashboards for local, regional and global teams.
- Owned each dashboard end to end, from data pipelines to UI (Python, React, Databricks), giving analysts one reliable view of data from several sources.

Full Stack Engineer · Klever AI January 2025 – July 2025

AI platform that helps family offices de-risk deals through the experts and co-investors in their network.

- Built an interactive network graph of each family office's relationships, paired with an AI agent chat to explore it (React, GraphQL, Node.js).
- Built the data collection and LLM enrichment pipeline behind expert and co-investor matching, and wrote most of the prompts for background AI jobs (Python, MongoDB, OpenAI).

Full Stack Engineer · ConvertaX May 2024 – January 2025

Management platform for telemarketing companies' operations and sales teams.

- Built the management dashboards supervisors used to track their products and team performance.
- Designed and maintained the backend services and AWS infrastructure behind the platform (NestJS).

Full Stack Engineer · BI Labs October 2021 – May 2024

Technology consulting firm delivering web apps, data pipelines and automations.

- Delivered web applications from requirements to production for clients in crypto, agribusiness, HR and recycling (Next.js, React, NestJS).
- Replaced clients' manual data collection with scraping and ETL automations (Python).

EDUCATION

Bachelor of Science (B.S.) in Computer Science
Estácio de Sá University

LANGUAGES

English (Advanced), Portuguese (Native)