Mateus Pereira da Silva

Full Stack Software Engineer | Brazil (Open to Remote or Relocation)
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About Me

Full Stack Engineer with 4+ years delivering scalable, low-latency web applications and APIs. Skilled in distributed systems, data modeling, and cross-functional delivery. Proven track record reducing system bottlenecks by 60% and creating reliable tools for strategic decision-making.

Professional Experience

Software Engineer
VE3 – B2B Supply Chain & Data Intelligence Platform | Brazil — *Aug 2022 – Present*

- **Designed & deployed** a full-stack microservice for strategic planning (Sell-Out MPS) using **Go REST API**, **Python (EC2)** for high-volume data processing, and **React** with interactive data grids & charts.
- **Developed a daily DRP (Distribution Requirements Planning) dashboard** in **Python + Polars**, which directly impressed and helped secure a multi-billion-dollar annual revenue client.
- **Refactored** ML-based Sales Forecasting Engine (**Python + Spark**), adding new input types and reducing technical debt — system executes daily forecasts across **25+ models** on **hundreds of thousands of records**.
- **Boosted dashboard performance by 60%** and cut SQL query load **by 50x** via execution plan tuning & ERD optimization.
- Built **Prometheus + Grafana** monitoring, accelerating incident detection and reducing downtime.
- Developed **real-time & historical S&OP dashboards**, enabling faster cross-functional decision-making.

Frontend Developer (Freelance)
Self-Employed | Remote — *Feb 2021 – Aug 2022*

- Built responsive websites & landing pages with **HTML, CSS, JavaScript**.
- Delivered UX improvements & reusable components for small business clients.
- Strengthened fundamentals in frontend development & client delivery cycles.

Tech Stack

Languages: Python, Go, JavaScript, TypeScript, Node.js, PHP

Frontend: React, Next.js, HTML5, CSS3

Backend: REST APIs, Microservices, Async Processing

Data & ML: PostgreSQL, MySQL, Polars, Pandas, Math Algorithms

DevOps: Docker, AWS (EC2, S3), Linux, Prometheus, Grafana, Bash, NGINX

Tools: Git, Postman, Swagger, Webpack, Composer

Education

B.Sc. in Computer Science (Expected 2026)

Estácio de Sá University — Brazil (Remote)

Languages

Portuguese (Native) | English (Fluent) | Spanish (Beginner)