

Andre C.A. de Carvalho

Senior Full-Stack Engineer · Integrations ·

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Senior Full-Stack Engineer with 7+ years shipping web and mobile products, focused on integrations (marketplaces/payments), performance, and maintainable architecture. Strong background in data/BI (ETL, SQL, Python automation) and system integrity — directly connected to my open-source work on SEIF (cryptographic provenance and auditable governance for AI-generated artifacts in AI-assisted workflows).

- **Marketplaces:** Mercado Livre · Amazon · Shopee
 - **Payments:** PagarMe · PinPag
 - **Mobile:** Flutter · iOS + Android (stores)
 - **Performance:** Elasticsearch · React Query
 - **Open source:** SEIF (provenance/audit)
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EXPERIENCE

Software Engineer

2022 – Present

Hubsell — E-commerce Integration Platform

- Built frontend and integrations for Seller Center/Dashboard, connecting sellers to marketplaces and external APIs.
- Integrated payment gateways (PagarMe, PinPag) and evolved critical product flows.
- Shipped conversion-impacting features (POS and Shopping Assistant).
- Improved UX/performance on heavy screens using Elasticsearch + React Query.

React Next.js Node.js MongoDB Elasticsearch Zustand React Query Expo

Full-Stack Developer

2020 – 2022

3 UP Tech — 3Ponto Financial App

- Built and maintained web and mobile apps end-to-end.
- Backend development using a microservices architecture and legacy integrations.
- Led frontend initiatives: feature delivery, bug fixes, and performance improvements.

React Native Node.js PostgreSQL Express Microservices

Freelance Consultant

2016 – 2019

Upwork — Data & Business Systems

- Built ETL pipelines and Power BI dashboards for help desk analytics.
- Implemented ERP workflows (Odoo/OpenERP) with custom business processes.
- Automated data models with SQL and Python for executive dashboards.

Python SQL PostgreSQL MySQL Odoo Power BI

SKILLS

Frontend

React · Next.js · TypeScript · State (Zustand/Redux) · Storybook

Backend

Node.js · Express/NestJS · Python/Django · REST APIs · Microservices

Data & Infra

PostgreSQL · MongoDB · Redis · Docker · ElasticSearch · ETL/SQL

Quality

Jest · Vitest · Playwright · CI/CD

EDUCATION

- B.A. in Business Administration
- Postgraduate studies in Business Intelligence (not completed)