

Igor Ferreira

AI Product Manager · Technical Product Manager

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SUMMARY

Passionate about product research, development and innovation, with an engineer's analytical depth and a founder's business sense. 15 years building products end-to-end across heavy industry and B2B software: 7 years at Volvo growing from engineer to product leader; 8 years developing products through ANEEL R&D (P&D) projects. My current focus: making companies AI First through research and development.

EXPERIENCE

AI Product Manager · Tech Lead — Fohat · eXmesh 2024 — present

- I lead eXmesh, a multi-agent AI mesh for the energy sector.

Innovation Board Advisor — OSINOVA Participações 2022 — 2024

- Member of the Board of Advisors: corporate governance and management advisory, bringing combined traditional-corporate and startup experience to guide company strategy.

Researcher · Platform Builder — Fohat · eTradeflow 2020 — 2022

- Built eTradeflow, a trading environment with Broker and Home Broker terminals — real-time pricing, integrated contracts and compliance.
- Led an ANEEL R&D (P&D) project for the Home Broker and a separate ANEEL R&D (P&D) project for the Terminal Broker.

Founder — Fohat 2018 — present

- Founded a product research and development company to operate B2B platforms in the energy market.

Engineer → Product Leader — Volvo do Brasil 2010 — 2017

- 7 years in heavy industry, growing from engineering to product leadership in one of Brazil's most demanding environments.

R&D Internship (Stuttgart) · International Internship (China) — Bosch 2007

- Industrial automation at scale in China; systems engineering in Bosch's R&D labs in Stuttgart.

SKILLS

AI / Agents	Multi-agent systems · AI governance · LangGraph · Claude (Anthropic) · Claude Agent SDK · Vertex AI · RAG · Langfuse · MCP · HITL
Cloud / Infra	GCP (GKE, Cloud Run, Cloud SQL, GCS) · Kubernetes · ArgoCD (GitOps) · Redis / Memorystore
Software	Python · TypeScript · Next.js · NestJS · GraphQL · Django · React · PostgreSQL · WebSockets
Domain	Energy trading (ETRM) · Mercado Livre de Energia · ANEEL / CCEE compliance · Renewable energy & microgrids · Blockchain settlement

EDUCATION

B.Sc. Industrial Electrical Engineering, Electrotechnics — UTFPR (Federal University of Technology – Paraná), 2011
Postgraduate Specialization in Renewable Energy (360h) — UTFPR, 2016–2017 · Capstone: microgrids as integration of distributed photovoltaic generation
MBA, Brazilian Electric Sector — ISAE/FGV (FGV Management), 2016–2018 · coursework and capstone (TCC) completed; program not concluded
Innovation Board Member Certification — Gonew.Community, 2021–2022

LANGUAGES

Portuguese (native) · English (fluent) · Spanish (professional) · German (basic)