

Valério Cardoso

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WORK EXPERIENCE

Senior AI Engineer

Jun 2025 — Present

PropHero

- Lead the architectural design and implementation of Generative AI platform focused on property investment.
- Design evaluation pipelines to continuously monitor business key metrics and agents performance.
- Established engineering best practices for AI application development.
- Communicated complex technical concepts and architectural designs to both technical and non-technical audiences, including product owners and developers.

Senior Staff AI Engineer

Aug 2023 — Jun 2025

Hvar Consulting

- Developed and optimized full-stack AI applications with a focus on performance, scalability, and observability.
- Designed evaluation pipelines to continuously monitor key metrics.
- Led the architectural design and implementation of AI systems, incorporating cutting-edge techniques such as LLMOps, AgentOps, and advanced RAG methods (Agent RAG, GraphRAG).
- Established engineering best practices for AI application development.
- Mentored and coached engineers in AI/ML, accelerating their development and contributions to a high-performing team.

Tech Lead Machine Learning Engineer

Dec 2021 — Aug 2023

Hvar Consulting

- Built an end-to-end machine learning pipeline for speech-to-text with sub-second latency
- Finetuned speech-to-text models for a call center domain, improving transcription word error rate by 30% compared with the state-of-the-art models available
- Communicated complex technical concepts and architectural designs to both technical and non-technical audiences, including product owners and developers.
- Conducted code reviews and coached engineers on machine learning concepts and best practices, improving code quality and team knowledge

Senior Machine Learning Engineer

Jun 2020 — Dec 2021

Hvar Consulting

- Implemented CI/CD pipelines and established continuous model training.
- Played a key role in establishing a feature store
- Developed and deployed machine learning models for a variety of use cases, including NLP, computer vision, and time series forecasting.

EDUCATION

UFABC

Santo Andre, São Paulo

Bachelor of Computer Science

May 2014 — Dec 2017

- Relevant Coursework: Data Structures and Algorithms, Object-oriented programming (OOP), Database Management Systems, Data Mining and Machine Learning, Distributed Systems, Data Visualization, Statistical Computing, Parallel Programming

UFABC

Santo Andre, São Paulo

Bachelor of Control Engineer

May 2014 — May 2017

- Multivariable & Single Variable Calculus, Linear Algebra, Ordinary Differential Equations, Discrete Mathematics, C++, Matlab, Octave, Microprocessors, Control Theory, Electronics

CERTIFICATION

- [Google Professional Machine Learning Engineer](#)

SKILLS

- **Programming Languages:** Python, Rust, C/C++
- **Technologies:** Google Cloud Platform, Azure Machine Learning, AWS, Databricks, LLMops, AgentOps, RAG, GraphRAG, Finetune, Inference Optimization, Langchain, Langgraph, LLama-Index, Dspy, AutoGen