

P. PDRO BRANDÃO

Applied AI Engineer

Production LLM Systems · Evals · Reliability · AI Agents · 0→1

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SUMMARY

Applied AI Engineer with ~8 years across software engineering, 0→1 product development, and technical leadership. Built production AI systems in legal tech, education, healthcare, fintech, and enterprise environments, with hands-on work in LLM evaluation, regression testing, human-in-the-loop systems, observability, AI agents, and production reliability.

EXPERIENCE

+A Educação

2026

AI Lead · Enterprise AI Agents

- Led evaluation and observability initiatives for production AI agents, including human review, failure taxonomy, review coverage, and agent/tenant monitoring.
- Introduced controls for prompt and release changes and developed LLM-as-a-Judge validation work that became the foundation for Judge Health.
- Presented the quality and governance approach to senior technical and business leadership.

PDRO AI Studio

Jan 2025 - Present

Applied AI Engineer · Founder

- **Intimação Pro:** built production legal AI automation with prompt versioning, Golden Dataset, regression testing, and human-in-the-loop evaluation.
- Improved a fixed regression set from **53.33% to 86.67%**; production workflow success reached **99.22%** across 3,188+ court notifications.
- Delivered AI systems and technical discovery across legal, coaching, commercial operations, and decision intelligence.

ALAS Technologies

Jul 2023 - Jun 2025

Technical Product Manager

- Led product and technical execution for a financial marketplace integrated with MetaTrader 5, working across backend architecture, data, analytics, CI/CD, and reliability.

NIX

2023

Founding Engineer · Product Lead

- Founding engineering and product leadership across 0→1 product development.

Passaporte Digital

Sep 2022 - Apr 2024

Founding Engineer · Product Lead

- Built and led a 0→1 event-ticketing platform, owning product architecture, payment integrations, and delivery.
- Launched Pix installment payments and operational automation for the platform.

NETSAUDE

Jan 2020 - May 2022

Founding Engineer · Product Lead

- Built a telemedicine marketplace and digital-health services platform; owned product architecture and user experience.
- Helped scale the engineering team from 1 to 10 developers.

Dr. Presente

2020

Founding Engineer · Product Lead

- Built an AI-assisted COVID-19 health response that reached 9,000+ people across 20+ Brazilian states, with Google Cloud/Roche support and institutional recommendation from the Government of Minas Gerais.

VGX Contact Center / Claro

2018

NLP · Conversational Automation

- Worked on NLP chatbots, API integrations, and conversational automation for Claro.

PDRO BRANDÃO

Applied AI Engineer · Selected work, research, and public contributions

SELECTED INTERNATIONAL ENGAGEMENTS

Culture Hive Media Group · USA Technical Discovery · Architecture · AI Workflows Designed Salesforce-centered architecture for AI-assisted commercial workflows, Slack-first intake, human review, and auditable integration.	2026
Sena · South Africa AI System Architecture · LLM Coaching Designed a WhatsApp-based LLM coaching MVP with session continuity, emotional tracking, and time-aware interactions.	2026
Decision Intelligence Engagement · USA AI-Assisted Supply Chain Worked on AI-assisted decision systems for supply-chain operations.	2026

APPLIED AI RESEARCH & PUBLIC WORK

AACI · AI Agent Continuous Improvement Practitioner Framework - Framework for observing, evaluating, improving, regression-testing, releasing, and monitoring production AI agents. - Organized around three operational questions: is it working, is it good, and is it creating value?	2026 - Present
Judge Health LLM-as-a-Judge Validation & Monitoring Methodology for validating LLM evaluators with human review, representative sampling, per-class performance, evidence thresholds, calibration, drift monitoring, and revalidation.	2026 - Present

PUBLIC CONTRIBUTIONS & ACADEMIC

National Institute of Standards and Technology (NIST) Public Technical Contribution · AI Metrology - Submitted a public measurement methodology contribution to the NIST AI Metrology Submissions repository. View submission. - Additional public technical contribution related to AI evaluation / TEVV.	2026
Universidade Estadual de Montes Claros (Unimontes) Guest Lecturer · Graduate Program in Health Sciences Guest teaching contribution at the graduate / doctoral level.	PhD level

TECHNICAL SKILLS

Applied AI: LLM Systems · Evals · Regression Testing · LLM-as-a-Judge · Human-in-the-Loop · Prompt Engineering · Structured Outputs · AI Agents · Observability

Engineering: TypeScript · Node.js · Python · AWS · Lambda · SQS · DynamoDB · PostgreSQL · CI/CD · Docker

Product & Leadership: 0→1 Product Development · Technical Discovery · System Design · Product Strategy · Cross-functional Leadership

EDUCATION

B.S. Information Systems · Universidade Estadual de Montes Claros (Unimontes)

build · observe · evaluate · improve