

# PEDRO PIZARRO DIAZ

## AI Adoption & Implementation Lead

Northern Italy (Remote, EU) | +39 376 131 0537 | pedropizarro@live.it | <https://pedropizarrodiaz.it>

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### AI ADOPTION & IMPLEMENTATION PROFILE

AI adoption and implementation profile focused on moving AI from use cases, MVPs and pilots into governed delivery workflows. Strengths include adoption roadmaps, LLM governance, repository-level enablement, workflow orchestration choices, product validation and cross-functional rollout.

### SELECTED AI PROJECTS

**AI-assisted delivery pipeline:** Gemini Gem context engine + PBI Writer agent turning sprint transcripts into epics, user stories, acceptance criteria and QA criteria before planning.

**Repository-level AI adoption program:** Copilot/GitHub skills embedded in repositories, documentation agents per microservice and pre-development agents to surface dependency conflicts.

**AI-native startup MVP / pilot:** adaptive RAG concept on AREX, n8n and Claude API workflows, product discovery with SME owners, competitive analysis and pre-seed business case.

**Services voice assistant:** Vapi voice layer, FastAPI backend, JSONL corpus, multilingual embeddings, confidence threshold, official-contact fallback and contract tests.

### GOVERNANCE, IMPLEMENTATION & DELIVERY KEYWORDS

**AI Adoption & Implementation:** use-case framing, adoption roadmaps, rollout into team workflows, human-in-the-loop design, prompt/system design, repository-level enablement

**AI Governance & Observability:** LLM governance, prompt constraints, validation checkpoints, confidence thresholds, fallback paths, acceptance criteria visibility, quality gates, delivery metrics

**AI Architecture Literacy:** retrieval and workflow orchestration choices, RAG, adaptive / advanced RAG patterns, LlamaIndex, agentic architecture patterns, tool calling, API contracts, embeddings, retrieval thresholds, LLM constraints

**Delivery & Scale Enablement:** release governance, cross-team dependencies, WIP management, backlog refinement, rollout coordination, UAT/NRT/BDD quality gates

**Tools & Stack:** Claude Code, Codex, Cursor, n8n, Microsoft Copilot, Vapi, FastAPI, Python, SQL, REST APIs, Swagger/OpenAPI, Git, GitHub, Jira, Azure DevOps, Confluence, CI/CD, BDD/Gherkin

### SELECTED ACHIEVEMENTS

- Designed AI-assisted delivery pipelines used by 40+ professionals, improving sprint capacity by 40% and reducing cycle time from 6 to 3 days.
- Shaped repository-level Copilot/GitHub agent patterns for rollout across microservices: repository skills, documentation agents and pre-development dependency checks.
- Founded an independent AI product venture to validate AI adoption barriers with 30+ SME owners, ship an MVP/prototype and run pilot validation.
- Built an open-source voice assistant with Vapi, FastAPI, RAG, tool calling, SQLite persistence and 71 automated tests.
- Owned delivery across 5+ concurrent workstreams, coordinating backend, frontend, mobile, QA, design, OPS, Legal and Architecture stakeholders.

### WORK EXPERIENCE

#### AI Lead | BIP Consulting | May 2022 - Present | Remote, Italy

*Banking Mobile App - Insurance SaaS - Energy Platforms - Public Sector - Home Appliances - Logistics*

- Designed and deployed a two-agent delivery pipeline that transforms sprint ceremony transcripts into sprint-ready backlog artifacts for 40+ professionals.
- Improved sprint capacity by 40% and reduced cycle time from 6 to 3 days by embedding AI-assisted backlog preparation before planning.
- Guided AI adoption with LLM governance, prompt constraints, human-in-the-loop validation and practical training for delivery, product and technical stakeholders.
- Introduced observability-oriented delivery controls: acceptance criteria visibility, confidence checks, fallback paths and UAT/NRT/BDD quality gates before production deployments.
- Coordinated REST/OpenAPI integration delivery across internal teams, third-party platform owners, QA and architecture stakeholders.
- Improved delivery predictability through visual management, early-warning indicators, WIP limits and realistic planning coaching across 5+ concurrent workstreams.

## **AI Product Venture / Independent Build | Founder & Builder | Jul 2025 - Feb 2026 | Italy**

*AI Adoption for SMEs - MVP/Pilot Validation - Adaptive RAG - Agentic Workflows - Product Discovery*

- Developed an independent off-hours AI product venture to validate practical AI adoption barriers for SMEs.
- Conducted structured discovery with 30+ SME owners across Italy to validate barriers: fear of implementation, lack of shared standards, no measurement of outcomes and unclear operational ownership.
- Designed the product architecture from zero: adaptive RAG concept on AREX, multi-thread retrieval, conceptual graphs, NoSQL storage and interaction memory patterns to reduce hallucination risk over time.
- Built workflows with n8n and Claude API; worked directly on API design, endpoint testing, prompt/system configuration and LLM governance choices.
- Shipped an MVP/prototype and ran pilot validation; developed competitive analysis, pricing model and pre-seed business case.

## **Agile Lead | AizoOn Technology Consulting | Mar 2021 - May 2022 | Remote, Italy**

*Aerospace SaaS Product - Agile Transformation - Change Management*

- Coordinated delivery across 4 teams (~30 members) on a compliance-audited aerospace SaaS product, managing cross-team dependencies and release alignment.
- Supported Product Owner in roadmap definition and feature prioritization; wrote epics, user stories and PRDs with traceability between business goals and implementation.
- Improved release frequency from bi-monthly to every 3 weeks through CI/CD pipeline optimization and delivery-flow improvements.

## **Scrum Master | CWS Digital Solutions | May 2019 - Mar 2021 | Remote, Italy / India**

*Corporate Training SaaS - Distributed Teams*

- Managed distributed delivery teams across Italy and India; designed async-first workflows that reduced dependence on daily synchronous calls.
- Reduced lead time from 3 weeks to 1.5 weeks through a custom Lean-Kanban system with enhanced flow tracking.
- Led product discovery for a custom CRM: 30+ user interviews and product-MVP workshops to define the first feature set around user value.

## **Senior Project Manager | Iscot Italia S.p.A. | Jan 2018 - May 2019 | Italy**

*Industrial Maintenance - Robotics - Manufacturing*

- Delivered 5 projects/year with ~80% on-time, on-scope rate; built milestone tracking and executive health reporting with early-intervention indicators.

## **Project Manager | FCA (Solveit S.r.l.) | Jun 2011 - Dec 2017 | Italy**

*Manufacturing - IT*

- Directed 2-3 concurrent projects (EUR 200K-300K each), managing teams up to 20 people with ~80% delivery success rate.

## **OPEN SOURCE PORTFOLIO**

### **Services Voice Assistant | [github.com/Kieff90/Voicebot-PY](https://github.com/Kieff90/Voicebot-PY) | Voice AI, Vapi, FastAPI, RAG, Tool Calling, SQLite, pytest**

- Built a voice assistant for Italian municipal services using Vapi for the voice/conversation layer and a custom FastAPI backend for knowledge, rules and appointment logic.
- Architecture principle: the voice layer speaks; the backend knows and decides. Retrieval, business rules, booking and persistence remain outside the conversational prompt.
- Implemented a simple, explainable RAG pipeline with JSONL corpus, multilingual embeddings, cosine similarity, confidence threshold and fallback to official contacts instead of guessing.
- Used SQLite for appointment persistence, Pydantic for API contracts and pytest for 71 automated tests, including contract tests between the voice layer and backend.

## **CERTIFICATIONS**

- Claude with the Anthropic API - Anthropic (2026)
- Certified SAFe 6 Agilist (2025)
- Professional Scrum Master II - PSM II (2024)
- Professional Certified Coach - ICF ACSTH (2024)
- Asana Certified Workflow Specialist (2024)
- Agile with Atlassian Jira - Atlassian University (2021)

## **EDUCATION**

- IT.I.S. G.B. Pininfarina - Telecommunications | 2005-2010
- Continuous professional development: AI, Agile, DevOps, Coaching and product/adoption practices (2017-2026)