



# FABIO FERRARI.

IT / Technical Project Manager — PMO,  
Governance & AI Automation

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Enterprise Project Manager — end-to-end governance and delivery for **CNH Industrial, Porini and Digital Thinks** (DGS Group): multi-client PMO, multi-million vendor management, teams and engagements managed across multiple countries (Italy, USA, India). Since March 2025, working independently, I have built and shipped **7 end-to-end AI systems** that I operate 24/7. I govern the enterprise and build the systems that automate its processes.

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|---|--|---|--|--|--|
| <b>15+</b><br>IT engagements<br>forecast >95% | <b>€1.8M+</b><br>negotiated<br>savings | <b>7</b><br>PMs coordinated<br>(matrix) | <b>7</b><br>AI systems in<br>24/7 production | <b>7,500+</b><br>automated tests<br>across 7 systems | <b>€5.2M</b><br>yearly licensing<br>budget managed |
|---|--|---|--|--|--|

## 01 PROFESSIONAL EXPERIENCE

### AI & Automation Consultant — Independent Projects

Mar 2025 – present · Turin

*Strategic choice: closing the gap between governance and technical delivery — production systems, not courses.*

- Designed and shipped a portfolio of **7 end-to-end AI/automation systems** on a shared architectural backbone, owning the full lifecycle solo: discovery, architecture, development, deployment, observability, evolution.
- Multi-provider LLM orchestration gateway — **13 providers, 163 model deployments** — with adaptive routing, automatic failover, rate limiting and circuit breakers: **90%+ success rate** end-to-end against rate-limited providers, with graceful degradation.
- Delivered a B2B lead-generation platform to an **external client** (a Turin startup) — deterministic 100-point scoring, CRM and outreach automation.
- Self-hosted 24/7 production infrastructure: **25+ Docker containers**, VPN mesh, centralized monitoring, automated backups, CI/CD — enterprise patterns at personal/small-team scale.
- Daily use of coding agents (Claude Code, Cursor, Antigravity): first-hand understanding of how AI reshapes the SDLC, team workflows and effort estimation.

### Project Manager | PMO Lead — DGS S.p.A.

Jul 2021 – Mar 2025 · Italy, hybrid

*Delivery and governance across three enterprise clients (automotive, IT services, education).*

#### Digital Thinks · Digital Transformation

Oct 2024 – Mar 2025

- Stepped in for the company's only PM and took ownership, **redesigning the delivery pipeline**: engagement management on the ERP (Jforma), accounts payable/receivable, contracts and instructor credentials, weekly progress-review (SAL) planning and reporting.
- Built the online classrooms and coordinated 5 vendors, with Power BI monitoring dashboards: training throughput grew **from an average of ~15 to 50+ courses/month**.

#### Porini · PMO & Multi-Client Governance

Jul 2022 – Oct 2024

- Ran end-to-end PMO across **15+ concurrent IT engagements** — governance, revenue forecasting and billing: **forecast accuracy >95%, -40% escalations**.
- Coordinated a team of **7 Project Managers** in a matrix structure — assignment, prioritization, quality gates, escalation (no line management).
- Automated governance framework (custom Jira + live-connected Power BI + Confluence templates): **-55% operational effort, weekly reporting from 8 to 2 hours**.

#### CNH Industrial · R&D Engineering

Jul 2021 – Jul 2022

- Optimized a **€5.2M/year** software licensing budget via cross-region negotiation and strategic reallocation: **-37% cost, €1.8M+ saved** over the two-year cycle.
- Ran the R&D Engineering department's engagements and change management across multi-site **Italy–USA–India** teams: **100% tool adoption in 8 weeks**; supported the launch of the Racine (USA) and New Delhi (India) hubs with tool and license rollout.

- Client portfolio management, risk analysis and wealth planning in a regulated context: structured communication with non-technical stakeholders.

## 02 SELECTED PROJECTS – SYSTEMS BUILT AND OPERATED FIRST-HAND

### LLM Orchestration Gateway 2026 235 test files 13 providers · 163 deployments graceful degradation

Self-hosted OpenAI-compatible gateway: adaptive routing (Thompson sampling), 3-state circuit breaker, GCRA rate limiting, Prometheus/OpenTelemetry observability with SLO burn-rate and alerting.

### Personal AI Knowledge System 2025-26 1,394 tests hybrid RAG · knowledge graph

Temporal knowledge graph with 3-lane hybrid retrieval (dense + BM25 + graph walk, RRF fusion) and a proactive agent with confidence-routing and an anti-contradiction critic.

### B2B Lead-Gen Platform — Turin startup 2025-26 100-pt scoring CRM + outreach

Complete system delivered to a Turin startup: multi-source scraping, contact enrichment, deterministic scoring, self-hosted CRM with Kanban pipeline and a 90-day go-to-market.

### Quantitative Finance Platform 2025-26 1,160+ tests 183 endpoints security hardened

Full-stack platform: 9 scheduled analytics engines (forecasting, anomaly detection, Monte Carlo), 4 LLM features behind a circuit breaker, documented security rewrite (WebAuthn, CSRF, CSP).

*Also: distributed content-intelligence pipeline (20 collectors, 894 tests) · shared data-extraction infrastructure (6 engines) · Bayesian expert system (132 endpoints) · geolocation hub. Private code — architecture and demos on request.*

## 03 SKILLS

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|---|--|
| <b>Project &amp; Program Governance</b> | End-to-end delivery · portfolio governance · scope/time/cost/quality · budget & cost control · risk management & escalation · milestone tracking · compliance · Agile / Scrum / Kanban / Waterfall / hybrid      |
| <b>Stakeholder, Vendor &amp; Change</b> | Multi-stakeholder management · cross-functional team coordination · vendor management · executive reporting · change management · process re-engineering · training & adoption                                   |
| <b>AI &amp; Data Skills</b>             | Generative AI (GenAI) · LLM orchestration · multi-agent systems · RAG & knowledge graphs · prompt engineering · AI quality guardrails · workflow automation · KPI & Power BI dashboarding · observability & SLOs |
| <b>Stack &amp; tools</b>                | Python · FastAPI · TypeScript · React · SQL (SQLite, PostgreSQL) · REST APIs · Docker & CI/CD · Linux · Jira · Azure DevOps · MS Project · Confluence · Git/GitHub · Claude Code · Antigravity · n8n             |

## 04 EDUCATION & CERTIFICATIONS

### Bachelor's Degree (L-18) — Business Economics & Management

University of Aosta Valley · 2019

### Executive Program — Blockchain Management

Federlazio Business Center, Rome · 2023

Italian **native** · English **C1** · French **B1**

- ✓ PMI-CAPM — Certified Associate in Project Management
- ✓ Agile PM Foundation — APMG International
- ✓ AI for Project Management & Business Analysis
- ✓ Budgeting & Management Control Specialist — InforElea
- ✓ OCF Exam — Financial Advisors: 100/100 (prep. Bocconi University)

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**Immediately available — Turin · on-site / hybrid / remote**