

Francesco Fano

Full-stack developer with 10+ years of experience combining technical expertise with a creative background in design.

Currently focusing on LLM, Agentic Systems and Generative AI.

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EXPERIENCE

Deyan7, Remote — *Ai Engineer & Designer*

2025 - Current

Tax advisors knowledge base — Ingested ~1,000 technical webinars: video transcription via Whisper, PDF extraction, vectorised into PostgreSQL.

Users can chat with one or multiple webinars at once and each answer surfaces the exact video segment at the right timestamp and the exact PDF page.

Daily cron for new content, access tiers, individual purchases, and admin dashboard.

AI learning tool for a media company — Admins define branched learning paths in a CMS — each chapter must be completed before the next unlocks. The agent generates fresh questions every time in multiple formats, grades answers against per-chapter rubrics, and tracks user progress. Designed the full product from brand to UI.

Hiring assessment tool — AI chatbot that guides candidates through a 4-level technical assessment, generating tailored questions via chat and artifacts. The agent scores each answer against custom rubrics and rates candidates, flagging the strongest profiles for the interview.

Sales demo tools — Built functional Next.js demos from client specs to support the sales process, showing prospects a working version of the product before any commitment.

Freelance, Berlin — *Full stack developer*

2023 - 2025

Freelance work across LLM consulting, agentic RAG systems for local document processing, and frontend development for a video streaming platform.

Xailabs, Berlin — *Full stack developer*

2014 - 2023

Developed core frontend components using Angular and TypeScript.

Backend development for Pictofolio in PHP with Laravel.

Managed full stack development of multiple web portals for various clients including Loox, Vivantes, and Museum für Islamische Kunst.

CURRENT STACK

AI & Agents:

LangGraph, Langchain, Pgvector, Cohere Rerank, FastMCP, Whisper

Backend :

Python, FastAPI, SQLAlchemy, Pydantic, Redis, Uvicorn, UV

Frontend:

React, Next.js, TypeScript, Tailwind CSS, Zustand, Zod

Cloud & DevOps:

Cloud Run, Cloud SQL, Cloud Storage, Cloud Scheduler, Docker, Vercel, Firebase, Supabase

Observability

Langfuse, PromptFoo

LANGUAGES

Italian (Native)

English (Fluent)

German (Intermediate)

Spanish (Intermediate)

Hi-ReS!, Berlin — Frontend Developer

2013 - 2014

Developed client-focused web solutions for Milram and BMW using TYPO3, JavaScript, HTML, and PHP

Collaborated with design teams to implement pixel-perfect interfaces across multiple device resolutions

E27, Berlin — Web Developer

2012- 2013

Managed the full lifecycle development of client web portals with a focus on frontend technologies and TYPO3.

INTERNSHIPS

Artificial Rome, Berlin — Interactive Developer Intern

2010 - 2011

Contributed to multimedia installations for Telekom using Arduino and Processing.

BBDO, Milan — Art Director Intern

2005 - 2006

Developed advertising concepts and campaigns in collaboration with designers and copywriters to craft impactful brand messages.

EDUCATION

Accademia di Comunicazione, Milan

2002 - 2005

Diploma in Art Direction for Advertising

L.S.S. Niccoló Copernico, Turin

1996 - 2001

Scientific High School Diploma