

NINA DOINJASHVILI

Applied AI & Systems Architect | AI Systems & Automation

Paris, France | [email me](#)

[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

PROFESSIONAL PROFILE

Applied AI & Systems Architect specializing in deterministic orchestration and production-grade automation. I work at the intersection of AI, systems design, and applied problem-solving—turning complex technical capabilities into structured, usable solutions. Guided by a "build then upgrade" philosophy, I focus on architecture over tasks, ensuring every AI mechanism is scalable, functional, and clear.

TECHNICAL MASTERY

Applied AI & Agentic Systems Architect | Thinking Partner

2025 – Present

- Systems Architecture over Tasks:** Engineered a self-evolving agent skill framework that separates strategic reasoning from deterministic execution, reducing manual orchestration overhead by ~70%.
- Infrastructure & Connectivity (MCP):** Designed and deployed custom **Model Context Protocol (MCP)** servers to bridge LLM reasoning with native filesystems and local execution loops, ensuring 100% reliability in production workflows.
- Production Reliability:** Implemented specialized voice-auditing mechanisms to enforce brand consistency and eliminate "AI Slop" from automated pipelines.

Applied AI / Machine Learning Engineer

2023 – 2024

- Deep Learning Workflows:** Architected and trained complex neural architectures (CNN/RNN/Transformers) for high-fidelity pattern recognition.
- Model Auditing:** Implemented rigorous evaluation frameworks (Precision, Recall, F1) to guarantee production-grade reliability.
- Workflow Orchestration:** Built stateful multi-agent workflows using **LangChain & n8n** for automated scheduling.

SELECTED DEPLOYMENTS

AI Booking Agent: Scheduling system with real-time CRM sync.

Real-time Computer Vision Assistant: Strategic inference engine.

GAN Colorization Tool: Image restoration via Streamlit & API.

Brand Content Pipelines: Localized AI-driven brand orchestration.

STRATEGIC PROJECTS

PROJECT	ROLE	STACK	OUTCOME
Thinking Partner Engine	Lead Architect	LLM Orchestration, Python	Eliminated repetitive prompting; improved workflow reliability.
MCP Asset Orchestrator	Systems Engineer	MCP, Python, Filesystem	Achieved zero-friction tool calling and secure localized execution.
Lord of the Wings	Brand Architect	n8n, LLM Agents	Built a deterministic machine maintaining brand edge at scale.

TECHNICAL SKILLS MATRIX

AI ENGINEERING LLM Orchestration · AI Agents · RAG Systems · Prompt Engineering Systems · Multi-Agent Systems

MACHINE LEARNING NLP Fine-tuning · SLMs · Model Optimization · Quantization · TensorFlow · scikit-learn

SYSTEMS & INFRA FastAPI · Docker · Google Cloud Run · AI Workflow Automation · CI/CD · Git · Structural Automation

EDUCATION & CERTIFICATION

Concepteur Développeur en Intelligence Artificielle (RNCP 6)

Le Wagon, Paris | 2026

Specialized in Agentic Orchestration, NLP Fine-tuning, and Production ML Infrastructure. Architected and deployed high-fidelity AI systems using FastAPI, Docker, and Google Cloud Run.

Licence 2 – Economics & Management

Université Paris Nanterre | 2019 – 2021

Bachelor's Degree – Business Administration (Major: Banking & Finance)

Tbilisi State University | 2010 – 2014