

I build supervised AI agents, workflow automation and API integrations that move from a bounded business need to an observable production system. I work directly across implementation, deployment and operations, with explicit approval points, tests, logs, idempotency and failure recovery.

SELECTED ENGINEERING WORK

Cascads · AI publishing control plane

First-party system

Context retrieval, approval gates, provider routing and idempotent publication workflows, with separate evidence for provider delivery and business outcomes.

[Inspect the public work record](#)

Flare Intelligence · Tool-using data agent

First-party system

Streaming agent grounded in structured flight data, with bounded tools and explicit handling for uncertain or unavailable evidence.

[Inspect the public work record](#)

Datvero · Operational monitoring

First-party system

Heartbeat monitoring, event deduplication, recovery and alert routing for services that need observable failure handling.

[Inspect the public work record](#)

IVRYN · Multi-product automation

First-party system

Evidence-gated automation and operations across nine public product sites, with technical checks kept separate from adoption or revenue claims.

[View public research artifacts](#)

EXPERIENCE

Technical Support · Actia Railway

Jun–Sep 2024

Millau, France

- Led technical pre-qualification and test analysis for onboard rail video systems in severe environments.
- Produced technical reports, tracked corrective work with R&D and supported level 2/3 incidents and pre-sales feasibility work.

IT Support Internship · MGS Informatique

Nov 2020–Jan 2021

Millau, France

Workstation maintenance, hardware and software incident diagnosis, and supervised end-user support.

CORE CAPABILITIES

AI agents

RAG

n8n

Make

APIs

Webhooks

TypeScript

Node.js

Python

Docker

Linux

VPS

Monitoring

Failure recovery

DELIVERY APPROACH

- Bounded scope and observable success criteria
- Human review at material decision points
- Structured outputs and source grounding
- Tests, logs and explicit stop conditions
- Deployment, monitoring and handover

EDUCATION

Engineering Degree · ESME

AI, process automation, information systems and software development.

CERTIFICATIONS

Microsoft Certified

Azure AI Fundamentals (AI-900)

Google Cloud Skills Boost

Generative AI Learning Path

LANGUAGES

French Native or bilingual

English Full professional proficiency

Spanish Basic