Alain Lorenz

CTO & co-founder — AI & MLOps

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Human reader? The visual CV and the website are this way: Visual CV · ala.inlore.nz

SUMMARY

As co-founder and CTO, I have led teams of up to ten people without ever letting go of the keyboard: I am still the top contributor to the API I started in 2016. Since 2023, my main playground has been AI in production — training, deploying, serving and optimising models that answer real users. My favourite subjects: LLMs, RAG and fine-tuning. And the paperwork that keeps the company running — GDPR, DAC7, tax, innovation tax credit — goes through me too. All between Geneva and Lyon.

EXPERIENCE

Technical co-founder · CTO — JobyPepper

since 2016 · jobypepper.com

The platform that connects companies with freelancers for short missions.

- Web, mobile, API and infrastructure: the whole product ecosystem.
- Two mobile apps published on the iOS and Android stores, from build to listing: versions, submission, compliance fixes, store copy.
- Payment dispatch, not just a “pay” button: the client pays once, the platform generates every freelancer’s invoice, splits the funds and triggers each payout. Automatically.
- AI agent for candidate sourcing and matching, connected through MCP.

Technical co-founder · CTO — Ozly

2023 · on hold · hello.ozly.ai

AI applied to job search.

- Full pipeline: multi-source ingestion, CamemBERT classification, vector index.
- Semantic search and conversational RAG, in an embeddable widget.
- Optimised GPU inference: cost divided by four.

MLOPS

- **Collect:** Scheduled pipelines that aggregate, clean and deduplicate data from multiple sources.
- **Train:** Dataset building, fine-tuning classifiers by sector and contract type.
- **Package:** Versioned models, CUDA Docker images, published to a container registry.
- **Serve:** GPU inference, an embedding service on Kubernetes, vector search.
- **Operate:** CI/CD, observability on every service, continuous optimisation: embeddings cut down to 512 dimensions, a memory leak hunted down and fixed.

LEADING

- Technical leadership of a team of up to ten people.
- Architecture decisions, delivery planning, product / tech trade-offs.
- Preparing innovation funding applications.
- Turning an operational need into a tool, and an AI experiment into a service that runs.

RUNNING THE COMPANY

- GDPR compliance and the filings that come with it.
- DAC7 exports and filings, the EU tax reporting duty of collaborative platforms.
- Corporate taxes and statutory filings.
- Tracking the projects eligible for the French innovation tax credit (CII).

ON THE SIDE

Client project — p.oint

2026

Attendance check-in for schools and youth centres: tap your name on the tablet, “I’m here”, “I’m leaving”.

- Tablet kiosk as a PWA that keeps checking people in offline and syncs when the connection returns.
- Staff dashboard: sessions, statistics, Excel-friendly CSV import/export, tablets paired by QR code.
- Delivered turnkey: Node + SQLite API, Debian install, HTTPS and daily backups.

Personal project — Origin AI

2026

Videos of real workplaces turned into training data for robotics.

- Chunked video upload, ffmpeg processing, LLM tagging.
- Automatic face blurring on GPU, dataset creation pipeline.

Side project — EV Comparator

2026

After how many kilometres does electric become cheaper?

- Daily open data ingestion, cost-per-kilometre model.
- Resale value shown as an estimate, never as the truth.

SKILLS

AI & MLOps: LLMs, RAG, Embeddings and vector search, Fine-tuning (CamemBERT), Triton Inference Server, CUDA, MCP servers, LangChain

Deployment: Docker (CUDA images, GPU Compose), Kubernetes, CI/CD (CircleCI), Nginx, Sentry

Back end: Node.js / Express, Python, RabbitMQ, MongoDB, Redis, WebSocket

Front end & mobile: React, React Native / Expo, iOS and Android releases

Management: Technical leadership (up to 10 people), GDPR, DAC7, Tax, CII

LANGUAGES

French, German, English