

Co-founder & CTO of a B2B SaaS: I designed, built and shipped **the entire product to production, solo** — from architecture to billing. I work **AI-augmented** daily: orchestrated coding agents, verification guardrails, automated reviews — and I built my own agent-orchestration platform.

01 — EXPERIENCE

Co-founder & CTO — Andoxa

MARCH 2025 — PRESENT · PARIS

B2B SaaS for company enrichment and prospecting built on French public data (Sirene, RNE, BODACC, France Travail). Current product = V2, a complete rewrite built solo.

100%	12	109	2,220
OF THE PRODUCT, SOLE DEV	EXTERNAL INTEGRATIONS	ADVERSARIAL TESTS	GENERATED SEO PAGES

- **Stack:** Next.js 16 (App Router), strict TypeScript, Convex (real-time backend), Clerk, Vercel, Upstash Redis, Tailwind 4.
- **AI agent in production** (Claude via Vercel AI Gateway): company-research planning, scope guardrails, per-request cost caps, full tool-call observability (duration, tokens, status).
- **Monetization:** credits on an append-only ledger (8 entry types, deterministic replay) with escrow, a 12-state job machine, Polar subscriptions + top-ups, double-layer idempotent webhooks.
- **Data:** French public-API connectors with caching, rate limiting and ingest-time deduplication; orchestrated scraping (Apify); review sentiment analysis.
- **GDPR by design:** capability registry with per-source legal bases, automatic purge of personal data, EU cookieless analytics (no banner).
- **Growth engineering:** bilingual FR/EN marketing site, programmatic sector×city SEO (~4,500 URLs), LinkedIn Chrome extension, PostHog analytics.
- **Quality:** ~28,000 lines of strict TypeScript (zero @ts-ignore), 56 backend functions, 45 routes; tests that attack server boundaries (sandbox bypass, webhook replay, double-spend); pure-TS SHA-256/HMAC validated against NIST / RFC 4231 vectors.
- **V1 (Ciel):** first complete iteration of the product as a multi-tenant CRM — Supabase RLS tested as an attack surface, Stripe, transactional email, 29 Playwright suites, ~141,000 lines of TS. Public source: github.com/Arti-0/Ciel.
- **Open source:** 4 modules born from production work, published, tested, under CI — edge-webhooks (pure-TS crypto, NIST/RFC vectors), french-open-data (Sirene, BODACC, France Travail), escrow-ledger (append-only ledger + escrow), ai-planner-scaffold (LLM-as-planner). github.com/Arti-0.

- CTO, Data Scientist & LLM Engineer — DipFab

JUL — SEP 2023

 - Built and deployed machine-learning models to production; oversaw the engineering team.
 - Scalable React.js web application; LLM integration for NLP tasks.
 - Contributed to technical vision and strategic planning.
- Back-end Developer & UX/UI Designer — Coxidev

JUN — JUL 2022

 - Built and maintained web applications on PowerApps / Azure.
 - UX/UI redesign of client websites in direct collaboration with the clients; performance optimization.
- Web Developer & UX/UI Designer — Decrease

JUN — JUL 2022

 - Interface design in Figma; responsive, cross-browser development.
 - Code reviews within a multidisciplinary team (design, product, engineering).

02 — PROJECTS

- AI agent orchestration platform (personal)

2025 — 2026

 - Full-stack platform driving Claude Code agent jobs across my repos: disposable git-worktree isolation, a deterministic verify gate (lint/typecheck/build/tests) before merge with retry, a shell-command confinement classifier.
 - Multi-terminal SSE streaming with a durable event log; voice input (faster-whisper); per-task-type LLM routing pinned by regression evals.
 - ~79,000 lines of TypeScript, 46 API routes, 123 test files (~26% of the codebase).
- WebGL portfolio

2026

 - Hand-built static site: custom GLSL shaders, GSAP, canvas-ui, tight weight budget, prefers-reduced-motion respected.
- Real RFPs — Web School Factory

2021 — 2024

 - Multidisciplinary team responses to RFPs from major companies, several addressed more than once — **Century 21, Asmodee, Loxam, AramisAuto, FDJ, Engie, tOOin, Nexity, BNP Paribas, Naxos, Saint-Gobain, Icade**: scoping, UX design, prototype, client presentation.
 - E.g. **ENGIE** (2024): gamified HEMS solution to cut energy consumption in student flatshares — personas, key features, prototype.

03 — TECHNICAL STACK

LANGUAGES	TypeScript (expert) · JavaScript · Python · SQL · GLSL
FRONT END	React 19 · Next.js 16 · Tailwind 4 · GSAP · Three.js / WebGL
BACK & DATA	Convex · Node / Bun · PostgreSQL · Supabase (RLS) · Redis (Upstash) · idempotent webhooks
AI	Vercel AI SDK / AI Gateway · Claude (agents, tool use) · guardrails & cost caps · coding-agent orchestration
OPS & QUALITY	Vercel · CI/CD · Sentry · PostHog · Vitest · Playwright · ESLint / strict tsc
COMPLIANCE	GDPR by design · CCPA study (US market entry)

04 — EDUCATION

Web School
Factory

2021 — 2024 ·
PARIS

05 — LANGUAGES

French (native) · English (bilingual)