

Lukas Janda

Architect & full-stack engineer · 18 years · Remote only · Czech Republic (CET) · English C1
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Architect and full-stack engineer, **18 years** shipping production software. Ten of those running my own software company, which I grew from the first paying client to a **~15-engineer team**; the last eight architecting and owning a multi-service platform — 11 backend services, 6 front-end apps, AI document pipelines, computer-vision workflows, and the integrations that keep separate systems in sync.

The thing worth knowing: I have run delivery at **both scales** — a ~15-person team, and a 2–3 person team hitting the same scope with an AI-accelerated workflow. Measured, not projected.

// experience

2018 – now Architect & Product Owner a multi-service platform at a product company

- Own the architecture and the product: **11 backend services, 6 front-end applications**, multi-tenant across **27 locations in 9 countries**. Every feature began as a flow I sketched and a call I made about how it should work.
- **Offline-first field apps** — capture on devices with no connectivity, a durable local queue, ordered replay, conflict resolution against server state. The user never thinks about being offline.
- **AI document pipelines** where each step retries independently, so one failed extraction does not cost the whole run.
- **Computer-vision workflows** (YOLO) — labelling, on-device inference, and the escalation path for when the model is not confident; prototypes for OCR of identifiers and plates, part detection and damage-severity estimation.
- **Integration-heavy work**: keeping separate systems in agreement across API boundaries neither side controls. Test suites in the four figures, and the release tooling around them.

2008 – 2018 Founder / Engineering Lead own software company

- Grew it from the first paying client to a **~15-engineer team**, and stayed technical throughout.
- Owned architecture, hiring, delivery — and the client relationships that funded all three.
- **100+ projects delivered**. Most under NDA; I do not publish client names, and would extend the same discretion to an employer.
- The part that transfers: deciding what *not* to build, and being accountable for the estimate.

// work I own outright — no NDA, live, open to read

Flek flekit.com · [source](#)

A civic map of small neglected places, with no accounts at all. Offline-first, over 1,300 tests. Trained its own photo model locally (clean or not 92 %, amber vs red 82 %) and improves it with a human-correction loop.

[Vue 3](#) · [TypeScript](#) · [MapLibre](#) · [PWA](#) · [ONNX](#) · [Cloudflare Workers](#) · [D1](#) · [R2](#)

A lead-discovery engine [writing](#)

Nine sources swept nightly, scored by an LLM in two lanes, one ranked digest. Batching took scoring from 35 to 200+ a night without adding a source; eligibility moved out of the prompt and into code after the model misread a hard constraint four times. Runs unattended, 200+ tests.

[TypeScript](#) · [Cloudflare Workers](#) · [KV](#) · [Claude API](#)

// stack

frontend	TypeScript, Vue 3, React, MapLibre, PWA
backend	Node, Python/FastAPI, Kotlin/Spring
data	PostgreSQL, SQLite/D1, Supabase
ai	Claude & OpenAI APIs, RAG and extraction pipelines, YOLO/computer vision
platform	Cloudflare Workers/Pages/KV/R2, serverless-first
practice	Unit and E2E testing, code review, the release process around both
shipped a lot of	SSO and permissions · admin tools and reporting · search and large listings · uploads and media · document generation · transactional email · migrations and data imports

// how I work

I do not start by writing code. I talk to the people who will actually use the thing and get agreement on the workflow first; then a prototype goes into real use fast, and everything after that is tuning against reality instead of guessing.

// what I am looking for

Contract, fixed-scope or fractional-lead work, fully remote, in product engineering. I invoice as a registered Czech sole trader, so a B2B engagement with a foreign company is routine. A fully remote full-time role is also of interest, but contract is what I am after.

Not infrastructure ownership: no DevOps, no SRE, no on-call, no platform engineering. I build on managed and serverless platforms, and I say so early rather than discovering it in week three.