

# Adam Ladachowski

Warsaw, Poland | Remote / Hybrid | EU Citizen

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Backend engineer with 20 years shipping production systems in Ruby and Rails. Built platforms across telecom, media, proptech, SaaS, and event ticketing — from sole-engineer greenfields to large-scale Rails monoliths. Currently designing and operating an AI development platform: agent orchestration, model fine-tuning, and a semantic memory system.

## Experience

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### Senior Software Engineer

Jan 2023 – Present

*Jampack — Event ticketing & hotel packages for festivals (180K+ guests, 90 countries)*

*Remote*

- Owned payment integration (Coinbase Commerce), insurance workflows, auth system, and cart recovery — recovery mechanism measurably reduced booking abandonment.
- Drove architectural decisions across the platform. Mentored junior engineers.
- Stack: Ruby, Rails, PostgreSQL, Redis, Sidekiq, AWS (EKS/Kubernetes, CodePipeline), Heroku, GitHub Actions.

### Senior Ruby Engineer

Aug 2021 – Jan 2023

*Marketer Technologies — Norwegian proptech, AI-powered marketing for 1/3 of Norway's residential market*

*Remote*

- Led a 3-person Rails team within a 15-person polyglot group (Rails, Node, Python). Designed inter-service communication via RabbitMQ.
- Delivered Smartsale — a real estate sales platform with interactive Mapbox visualization and real-time pricing, now serving the Norwegian market.
- Stack: Ruby, Rails, PostgreSQL, GraphQL, RabbitMQ, Mapbox, OpenAPI, Elasticsearch.

### Senior Software Engineer

2016 – 2021

*Roomzilla — Smart workplace management SaaS (Cambridge Innovation Center)*

*Warsaw*

- Joined as sole engineer. Rebuilt the application, drove Rails 5→6 migration, then hired and led the team (2 Rails, 1 Vue) that completed the platform refactor.
- Calendar sync across Google and Microsoft ecosystems, Stripe payments, interactive floorplan navigation.
- Stack: Ruby, Rails, PostgreSQL, Vue.js, Redis, Google Calendar API, MS Graph API, Stripe.

### Software Engineer

2014 – 2016

*Cyfrowy Polsat — Largest digital TV platform in Central/Eastern Europe (3.5M+ subscribers)*

*Warsaw*

- Built Kantei — a centralized Heroku-like CD platform, eliminating ad-hoc deployment across 5 engineering teams.
- Optimized VOD page load with global lazy loading. Co-developed IP tracking system for unauthorized streaming detection.
- Stack: Ruby, Rails, PostgreSQL, MongoDB, Sidekiq, Docker, HAProxy, etcd, fluentd.

### Software Engineer / Team Lead

2006 – 2014

*Comverga (mProfi) — Telecom SaaS, SMS/voice APIs with direct carrier integrations*

*Warsaw*

- Built and grew the engineering team from 3 to 6 over 8 years. Designed SMS APIs (REST, SFTP), IVR flows on Asterisk, carrier-grade gateways via Kannel, ISDN/SIP trunk integrations, billing system for an MVNO.
- Stack: Ruby, Rails, PHP, Perl, Bash, Asterisk, Kannel, PostgreSQL, MySQL.

## AI & Platform Engineering

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### Creator / Operator

2025 – Present

*Personal AI development platform*

- Designed a multi-host agent orchestration platform (Rust, TypeScript, WireGuard mesh) with a semantic memory system (SQLite + embeddings, 5,500+ entries) and cross-machine task dispatch.
- Ran LoRA fine-tuning on Qwen 27B (H100/H200, Unsloth, vLLM serving) and built a voice synthesis pipeline with cloned voices (Chatterbox/Piper TTS).
- Shipped client applications (web chat via FastAPI/SSE, iOS and macOS prototypes) and an extensible plugin system with 25+ tool modules.

## Self-Hosted Infrastructure

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- Three-host mesh over WireGuard (macOS + 2x Linux) — Gitea for source control, Coolify for Docker deployments, Cloudflare tunnels for public endpoints.
- opencode (AI coding platform) running across all hosts — agents, MCP servers, cross-machine dispatch, persistent sessions.
- GPU compute on RunPod (H100/H200) for training, local NVIDIA for inference and TTS serving.

## Open Source

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<b>tensors</b>	CLI toolkit for inspecting safetensor files, downloading CivitAI models, and generating images. <i>repos.saiden.dev/aladac/tensors</i>
<b>browse</b>	Browser automation MCP server that gives AI agents full control of a Playwright session. <i>repos.saiden.dev/aladac/browse</i>
<b>chat</b>	Web chat interface with persona calibration, SSE streaming, and real-time TTS playback. <i>repos.saiden.dev/aladac/chat</i>
<b>madcat-say</b>	On-device voice cloning CLI built on VoxCPM2, running natively on Apple Silicon via MLX. <i>repos.saiden.dev/aladac/madcat-say</i>
<b>lora</b>	LoRA fine-tuning pipeline for building persona, specialist, and voice adapters. <i>repos.saiden.dev/madcat-os/lora</i>
<b>spark</b>	Recipes and tooling for fine-tuning models on the NVIDIA DGX Spark. <i>repos.saiden.dev/madcat-os/spark</i>

## Skills

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<b>Core</b>	Ruby (20 yrs), Rails, PostgreSQL, Redis, Sidekiq, REST/GraphQL APIs
<b>Secondary</b>	TypeScript, Python, JavaScript, Vue.js, React, FastAPI, Hotwire/Turbo
<b>AI &amp; ML</b>	LLM fine-tuning (LoRA/Unsloth), vLLM serving, prompt engineering, RAG, embeddings, agent orchestration, MCP/tool-use
<b>Data</b>	PostgreSQL, MongoDB, Redis, Elasticsearch/OpenSearch, SQLite, MySQL
<b>Infrastructure</b>	Docker, Kubernetes (EKS), AWS (S3, SQS/SNS, RDS, CodePipeline), Heroku, GitHub Actions, Cloudflare, WireGuard
<b>Practices</b>	RSpec, CI/CD, code review, system architecture, mentoring, remote-first collaboration

## Education & Other

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<b>1998 – 2000</b>	Warsaw University of Technology (Politechnika Warszawska) — Faculty of Production Engineering, weapons systems specialization. Did not complete.
<b>Languages</b>	Polish (native), English (fluent, daily working language), German (basic), Russian (basic, reads Cyrillic).
<b>Availability</b>	B2B contract or employment. Remote preferred, hybrid possible. Immediate.

## Ancient History

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<b>Linux Systems Administrator</b>	1999 – 2006
<i>Polska Online → NET2NET → TDCI — ISP and network integration (successive acquisitions)</i>	
<i>Warsaw</i>	
<ul style="list-style-type: none"><li>Joined Polska Online as a Linux sysadmin. Transitioned through NET2NET into TDCI as the company changed hands.</li><li>Network installations and configurations for Polska Online and Polbox — DSL deployments, Cisco equipment, on-site infrastructure. Built a large-scale corporate network for Ford dealerships on Cisco 1603 ISDN BRI routers.</li><li>TDCI contract for MSWiA (Ministry of Internal Affairs) — network setup and Windows 2000 fileserver on Active Directory domain.</li><li>Stack: Linux (Red Hat, Debian), Cisco IOS, Windows 2000 Server, Bash, DNS, DHCP, Apache, qmail.</li></ul>	
<b>Unix Systems Administrator</b>	1998 – 1999
<i>Polnet Technologies International — IT services for PKO BP (Poland's largest retail bank)</i>	
<i>Warsaw</i>	
<ul style="list-style-type: none"><li>First job. Administered Sequoia fault-tolerant servers and Oracle databases serving PKO BP's housing savings system.</li><li>Stack: Solaris, Linux (Red Hat), Oracle, Bash, Apache.</li></ul>	
<i>Linux user since 1996 (Red Hat 4.x, kernel 2.0). First internet dial-in the same year.</i>	

## Interests

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- Honda guy. Own Sayuki — a track-prepped EJ9 Civic with a B16A swap. Helga the Q5 8R handles family duties. Track days at Tor Modlin and Tor Łódź — short technical circuits, both around 1 km.
- Science fiction — both reading and writing. Currently working on a near-future military fiction project.
- Anime and manga. Ghost in the Shell is a permanent reference frame.
- Linux since the mid-90s. Still run it on everything that isn't a Mac.
- Aggressive inline. Rarely visit the skatepark these days — kids grew out of it, but I can still fakie and grind.
- Mechanical engineering dropout who never stopped thinking about how things move.