

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

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 real estate marketing

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

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

- 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

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

Skills

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

Education & Other

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

Ancient History

Linux Systems Administrator	1999 – 2006
<i>Polska Online → NET2NET → TDCI — ISP and network integration (successive acquisitions)</i>	
<i>Warsaw</i>	
<ul style="list-style-type: none">• Joined Polska Online as a Linux sysadmin. Transitioned through NET2NET into TDCI as the company changed hands.• 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.• TDCI contract for MSWiA (Ministry of Internal Affairs) — network setup and Windows 2000 fileserver on Active Directory domain.• Stack: Linux (Red Hat, Debian), Cisco IOS, Windows 2000 Server, Bash, DNS, DHCP, Apache, qmail.	
Unix Systems Administrator	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">• First job. Administered Sequoia fault-tolerant servers and Oracle databases serving PKO BP's housing savings system.• Stack: Solaris, Linux (Red Hat), Oracle, Bash, Apache.	
<i>Linux user since 1996 (Red Hat 4.x, kernel 2.0). First internet dial-in the same year.</i>	

Interests

- 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.