REZA

From code to frame: AI systems and AI video

An engineer who ships LLM products and shoots ads without a camera

2+ YEARS OF EXPERIENCE · ENGLISH B2 · REMOTE · ● OPEN TO WORK

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// SYSTEMS

Systems

Backends, LLM agents and infrastructure in production.

I build backends and LLM systems that serve real users, not demos. For more than six months I have been the sole developer of a conversational AI platform with 150,000+ users and about $10k in monthly revenue. The other half of my work is generative pipelines: custom ComfyUI nodes, LoRA training, video on MiniMax H3.

STACK

LLM	Multi-provider routing · failover · RAG: pgvector, ChromaDB, BM25 + rerank · Agents: Pydantic, Instructor · Evals · guardrails
BACKEND	Python · FastAPI · PostgreSQL · Redis · ARQ · RQ · Docker · Blue-green deploy · GitHub Actions · Prometheus
FRONTEND	React · Next.js · Telegram Mini Apps · Bot API · Stars
GENAI	ComfyUI · custom nodes · LoRA · LoHa · LoKr (kohya) · MiniMax H3 · Krea2 · SeedVR2 · GPU rental

Persona Engine

IN PRODUCTION

MULTI-AGENT CONVERSATIONAL AI PLATFORM · TELEGRAM

~$10k platform revenue per month

150 000+ platform users

6+ mo. as sole developer

- A single LLM gateway across three providers with automatic failover.
- Long-term memory: facts about each person, summaries, vector search (pgvector), understanding of incoming photos.
- A safety layer before every send, an in-house offer engine and Telegram Stars payments.
- 139 service modules, 375 test files, zero-downtime blue-green deploys.

FastAPI · PostgreSQL + pgvector · Redis · Next.js · Docker · LLM routing

Content Machine

AUTONOMOUS

AUTONOMOUS PIPELINE: TREND → GENERATION → PUBLISHING

$0.25 cost per reel

60 / wk pieces of content, autonomously

1-2 h / wk of manual work: launch and final pick

- Finds what works in a niche, generates photos and videos with a consistent character on rented GPUs and publishes them.
- 5 modules on versioned contracts; paid GPU operations never run twice.
- A Learning Engine shifts generation recipes based on audience response.

Python · PostgreSQL · ComfyUI · GPU rental · React · Contract-first

Astrea

ON HOLD

ASTROLOGY ENGINE WITH AI INTERPRETATION · TELEGRAM MINI APP

8 classical editions

21 347 passages in the base

588 test files

- Sky calculations from JPL DE440 ephemerides: planets, houses, aspects, transits.
- A knowledge base of interpretations from classical works: OCR, annotation, review, signed releases.
- AI assembles reports, forecasts and consultation answers grounded in sources; Mini App and Telegram Stars subscription.

Python · PostgreSQL · Telegram Mini App · Telegram Stars · OCR · LLM

More projects

ALL REPOSITORIES ↗

OPEN SOURCE · GITHUB

customer-support-rag ↗

RAG support bot: answers only from the documents and cites the source. 95.8% correct, 8 of 8 declines out of scope.

ai-lead-automation ↗

AI lead assistant: collects a brief in conversation and hands the lead to Telegram and the CRM. Inbox/outbox, no loss or duplicates.

openlimits-gateway ↗

Multi-tenant API gateway: keys, quotas and rate limits, SSE streaming, signed upstream requests, Prometheus metrics.

x-trend-agents ↗

Multi-agent pipeline for X: finds posts taking off, works out why they work and writes an original brief.

// GENERATIONS

Generations

UGC creatives with hooks for testing, product spots, music videos and trailers.

Paid client work

Pixel-art mascot spot

CLIENT WORK

16:9 · 19 S

19 seconds of pixel art: a room, an electric shock, a portal and a world made of the feed. The same mascot in every scene, cut and sound on the beat.

Style LoRA training

CLIENT WORK

LORA · LOHA · LOKR

An adapter for the client's house style, from dataset to packaged delivery.

Brand and product

Premium product spot

SPEC

16:9 · 21 S

Liquid macro, light, textures and a brand end card: a production-grade spot with no shoot.

3D animated spot

SPEC

9:16 · 20 S

The same product as a cartoon 3D spot: a character, a before-and-after emotion and a final packshot.

Performance ads

UGC, HOOKS, COVERS: CREATIVES BUILT TO RUN IN PAID TRAFFIC

One brief, three styles

SPEC

16:9 · 21 S

One product and one script in three treatments for different platforms and audiences. Each one is a separate piece:

Marketplace video covers

SPEC

3:4 · 3 × 6–8 S

A plain product photo becomes a living video cover: the product in use, same colour and shape as in the shot.

UGC ad: one ad, four hooks

SPEC

9:16 · 4 × 13–14 S

One creator, a shared demo and CTA, four different opening seconds for an A/B test. Voice, lip-sync and captions in every variant.

Film and music

STORY, CHARACTERS, CUTTING TO MUSIC

The Last Signal

A polar station, one heroine, ten shots and sound design. Character and world hold from the first frame to the last.

SPEC

Neon Rooftop: music video

SPEC

9:16 · 24 S

A dance on a night-city rooftop, every shot fitted to the beat.

Lo-fi loops

SPEC

9:16 · 4 × 8 S

Seamless loops for Shorts and Reels in four styles: anime, photoreal, 3D.