

# Alex Kulikov

Consulting / Contract One-Pager  
Full career CV: [lxqu.dev/cv](https://lxqu.dev/cv)

Senior Backend / Platform Engineer for AI & Data Infrastructure  
Ex-Meta · Founding engineer experience · Context / Retrieval / Agents · Cloud / Terraform / Reliability  
[hire@lxqu.dev](mailto:hire@lxqu.dev) | [lxqu.dev](https://lxqu.dev) | [LinkedIn](#) | [GitHub](#) | London, UK

## POSITIONING

I'm strongest when a prototype works but the underlying system is becoming hard to extend, debug, operate, or explain. I help early-stage AI/data teams build and harden the backend infrastructure their products run on – data pipelines, context and retrieval systems, agent backends, and the cloud infrastructure underneath them. Recent work includes: user-data ETL, GDPR data exports, embeddings, agent backends, AWS/GCP, Terraform, observability, audit-ready infrastructure.

## WHAT I SOLVE

- AI prototype works, but backend/data/cloud architecture is fragile.
- Data ingestion is messy, brittle, or hard to extend.
- Context, retrieval, embeddings, or agents need production-grade foundations.
- Cloud infrastructure grew organically and now lacks reproducibility or visibility.
- A founder/CTO needs senior backend/platform ownership before hiring full-time.

## SELECTED EXPERIENCE

### onFabric | FOUNDING ENGINEER

August 2025 – April 2026 | [onfabric.io](https://onfabric.io)

- Reworked Meta data ingestion into a FastAPI/ECS pipeline with idempotent GCS-backed staged processing, ZIP batching and BDD coverage.
- Owned multi-cloud infrastructure across AWS/GCP in Terraform: ECS, RDS, GCS, Vertex AI, Cloud Run, CloudWatch and IAM/OIDC.

**CASE STUDY: CONTEXT-USE | AI MEMORY FROM GDPR DATA EXPORTS.**  
[context-use.com](https://context-use.com) | [GitHub repo](#)

- Built a provider-based ETL layer that normalises GDPR data exports from any platform into structured personal context for LLMs and agents – deployed to onFabric infrastructure, processing real user data at scale.
- Designed for extensibility: new providers added via single-prompt codegen against a durable schema; shipped with 7 data providers (Airbnb, ChatGPT, Claude, Google, Instagram, Netflix, Telegram).

### Lerno | SENIOR SOFTWARE ENGINEER, CONTRACT / PART-TIME

May 2025 – December 2025 | [lerno.ai](https://lerno.ai)

- Built and shipped a streaming LangGraph agent over meeting transcripts.
- Owned the engineering SOC 2 readiness stream, including migration of AWS infrastructure to Terraform, infrastructure reproducibility, and documentation.

### Meta | SENIOR SOFTWARE ENGINEER

February 2020 – August 2024 | London, UK

- Led a 6-person reliability workstream on the [Data Transfer Project](#).
- Achieved a 10x drop in DTP failure rate and overhauled the monitoring pipeline.
- Prepared the DTP infrastructure for compliance with EU Digital Markets Act.

### Sysblok | HEAD OF ENGINEERING

Since November 2023 | [LinkedIn page](#) | [sysblok.ru](https://sysblok.ru) (in Russian)

- Leading engineering for a nonprofit media project with 170k subscribers; team of 5, backlog, internal tooling and AI workflow automation.

## TALKS

May 2026 [Claude Code Central London](#)

March 2026 [AI Tinkerers London](#)

*"My 3-day-old OpenClaw knew more about me than most people do – from my 3-year choir streak to my recent Terraform headaches."*

## HOW I HELP

### ARCHITECTURE AUDIT

1–2 weeks

Backend / data / cloud review, risk map, prioritized roadmap.

### HARDENING SPRINT

2–6 weeks

Observability, reliability, deployment cleanup, maintainability, developer experience.

### DATA / CONTEXT PIPELINE

Scoped per engagement

ETL, enrichment, embeddings, search APIs.

### CLOUD / TERRAFORM

Scoped per engagement

Infrastructure cleanup, IaC, documentation.

## TECHNICAL STRENGTHS

### BACKEND / PLATFORM

Python · FastAPI · Node.js · TypeScript · PostgreSQL · Redis · REST/GraphQL

### AI / DATA INFRASTRUCTURE

ETL · embeddings · semantic search · retrieval · agent backends · Gemini API

### CLOUD / INFRASTRUCTURE

AWS · GCP · Terraform · ECS · RDS · GCS · Vertex AI · Cloud Run · Docker · CI/CD

### RELIABILITY

Observability · monitoring · idempotency · production debugging

## CREDIBILITY

- Ex-Meta Senior Software Engineer
- 10x failure-rate reduction, Meta DTP
- Founding engineer, AI/data infrastructure
- 100+ technical interviews conducted, Meta
- Tech Nation UK Global Talent
- BSc Computer Science, Moscow Institute of Physics & Technology

## AVAILABILITY

Available for focused audits, hardening sprints, fractional senior engineering and high-priority backend / cloud reliability work.

Best first step: email a short description of the system, deadline and current pain point. Day rate available on request.

[hire@lxqu.dev](mailto:hire@lxqu.dev)