


# Mikhail Kogan

Senior Platform Engineer | AI Infrastructure | DevOps

 **About me**


Platform Engineer with 10+ years shipping consumer products at scale. Recently built **CyberMem** — production-grade IaC platform automating multi-platform deployments. Proven track record: **scaled teams 1 → 13 engineers**, cut CI/CD cycles **2 weeks → 2 days**, maintained **99.5–100% uptime**. Combining product thinking with infrastructure expertise.

## Experience

### ▼ CyberMem

- Open Source Project:** Production-grade Model Context Protocol (MCP) framework solving **AI context fragmentation across different LLM agents (Claude, ChatGPT, Cursor, Perplexity)**. Features automated multi-platform deployment, **real-time observability**, and Zero-Trust networking via Tailscale. [cybermem.dev](#) / [GitHub](#) / [NPM](#)
- Creator & Lead Developer: 2025 — Present**
- Architected a **production-grade MCP server** orchestrating **shared memory for different AI agents** (Claude, ChatGPT, Cursor).
  - Engineered** a custom TypeScript CLI and IaC engine that **automates complex multi-platform deployment** (Mac, Raspberry Pi, Kubernetes) **with a single command**.
  - Implemented remote access policy and observability**, enabling **scalable and zero-config production environments**.
  - Automated, published and maintained** an open-source monorepo, achieving seamless multi-platform deployments and **100% CI/CD automation** via GitHub Actions.
  - Monorepo Architecture: Built using TypeScript + CLI template engine, **achieving 100% CI/CD automation** via GitHub Actions.
  - Zero-Trust Networking:** Implemented secure remote access and observability via Tailscale Funnel and Traefik SSL.
  - Full observability stack: **Prometheus metrics + custom monitoring dashboard** for real-time tracking of AI agent operations.
  - E2E Reliability: Architected a **robust testing framework using Playwright** to ensure mission-critical stability.

### ▼ Centerya

- A **CRM platform powered by AI**, designed for real estate agents in the US market.
-  [Tel Aviv, Israel](#)
- Founding Engineer & Mobile Infrastructure: 2024 — 2025**
- Centerya iOS App:** <https://apple.co/3TuHEJB>. A mobile app for AI CRM with support of **VoIP calls** and **Siri Intents**.
- Infrastructure Ownership:** Implemented **real-time monitoring (Sentry)**, **centralized logging**, and **automated alerting** to achieve more than 99% crash-free sessions.
  - Shipped** weekly feature updates via **CI/CD Best Practices** using Xcode Cloud pipelines.
  - Architected and solo-delivered** AI-powered CRM app.
  - Integrated** Twilio SDK for VoIP calls with **AI-driven summaries & property suggestions**.
  - Delivered** iOS app with SwiftUI + SwiftPM → modular, scalable, **optimized for caching & startup performance**


### ▼ Tinkoff Bank

- The **largest digital-only bank in Western Europe** operated in the Russian market.
-  [Russia](#)
- Team Lead — Dolyame iOS platform: 2021 — 2023**
- Dolyame** — Russia's first BNPL (Buy Now, Pay Later) service. Comparable to Klarna (Europe) and Afterpay (US).
- Launched the BNPL iOS app as a solo developer → scaled to **1M+ downloads and 300K MAU** in the first year.
  - Automated **JIRA analytics pipeline** (Python + ChatGPT + JIRA API) to identify **team bottlenecks, workload distribution, and capacity planning**
  - Built & maintained** an SDK (XCFramework) for partner integrations, supporting multiple versions and configs.
  - Scaled** the iOS app & SDK team from 1 → 13 engineers across multiple squads — enabled **faster delivery** and **product experiments**.
  - Architected** and configured UI Testing Workflow, allowing QA team to **reduce regression time by 70%** by easily automating their test cases.
  - Scaled engineering team 1 → 13**, establishing CI/CD standards and code review processes to enable rapid product growth.
  - Transitioned team from Git Flow → TBD with feature flagging, **cutting release preparation time 4d → 1d** and allowing product team to **seamlessly toggle any feature on prod**.
  - Maintained **99.5–100% crash-free rates** and high release stability across the codebase.

### iOS Developer — Traffic Fines: 2018 — 2021

- Traffic Fines App** — a platform enabling users to conveniently pay their fines.
- Refactored critical payment & fine lookup modules in a legacy hybrid app, ensuring 99.7% crash-free sessions for **5M+ users**.
  - Architected and maintained** a shared library of **reusable UI components**, streamlining development across multiple banking apps.
  - Established robust testing infrastructure** (Unit, UI, Snapshot), achieving high coverage for financial transaction flows.


### ▼ GLOBUS Ltd.


-  [Nizhniy Novgorod, Russia](#)
- Junior iOS Developer: 2016 — 2017**
- Developed several iOS apps, some achieving over 2K downloads.


## Education


BSc in Computer Science & IT, Nizhniy Novgorod State University: 2013 — 2017


## Details

 [cybermem.dev](#)

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## Personal Projects

**Hearily** — Real-time speech-to-text and translation app that helps users follow live conversations in multilingual environments, including group discussions and public settings. Built with SwiftUI, Azure Speech, and OpenAI Whisper; launched in 2025. Available in [hearily.app](#).

**SoundPulseButton** — open-source SwiftUI button component with haptic and audio feedback, featuring pulse and ripple animations. Listed on [Swift Package Index](#) / [GitHub](#); also used in Hearily.

## Skills

### Infrastructure & DevOps

- IaC:** Docker, Kubernetes, Helm, Ansible, Terraform basics, Traefik
- Programming Languages:** TypeScript, Python, Bash
- CI/CD:** GitLab CI, GitHub Actions, Xcode Cloud, Fastlane
- Observability:** Prometheus, Grafana, Sentry, Firebase, Vector, Amplitude
- Networking:** Tailscale, AWS, Zero-Trust Architecture

### Mobile & Platform

- Swift, SwiftUI, Modern Concurrency, SDK distribution (XCFramework)
- Architecture: Modular, DDD, Feature Flags, TBD flow
- Testing: Unit, Snapshot, E2E (Playwright, Pytest)

## Languages

Russian (native), English (fluent)