

Mikhail Kogan

Platform Engineer | DevOps & Infrastructure | Mobile-to-Cloud Specialist

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

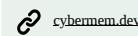
▼ CyberMem

Open Source Project: Production-grade Model Context Protocol (MCP) framework for [AI agents' memory orchestration](#). Features automated multi-platform deployment, [real-time observability](#), and Zero-Trust networking via Tailscale. [cybermem.dev](#) / [GitHub](#) / [NPM](#)

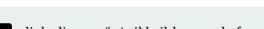
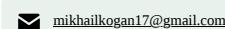
Creator & Lead Developer: 2025 — Present

- Architected a production-grade Model Context Protocol (MCP) server, solving AI context fragmentation across different agents (ChatGPT, Claude, Cursor, Perplexity).
- 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.

Details



Tel Aviv, Israel



Personal Projects

Hearly — 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 [hearly.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 Hearly.

Skills

Infrastructure & DevOps

- IaC: Docker, Kubernetes, Helm, Ansible, Terraform basics, Traefik
- CI/CD: GitLab CI, Xcode Cloud, Fastlane, GitHub Actions
- 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)

▼ Centerya

A CRM platform powered by AI, designed for real estate agents in the US market.

📍 Tel Aviv, Israel

Founding Engineer, mobile app (iOS): 2024 — 2025

Centerya iOS App: <https://apple.co/3TuHEJB>. A mobile app for AI CRM with support of VoIP calls and Siri Intents.

- Designed & launched an AI-powered CRM app → from prototype to App Store in just 2 weeks.
- Delivered iOS app with SwiftUI + SwiftPM → modular, scalable, [optimized for caching & startup performance](#).
- Integrated Twilio SDK for VoIP calls with [AI-driven summaries & property suggestions](#).
- Shipped weekly feature updates via [CI/CD Best Practices](#) using Xcode Cloud pipelines.
- Architected and solo-delivered AI-powered CRM with automated CI/CD pipeline.
- Achieved [99.5% service reliability](#) by implementing real-time monitoring and automated alerting.
- Infrastructure Ownership:** Owned monitoring, logging, and Sentry from day one, achieving 100% crash-free sessions for AI-powered CRM.

▼ 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.
- 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.
- Automated JIRA dev-by-sprint workload stats gathering with [Python & ChatGPT](#) to understand team's issues and bottlenecks.
- 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