

# Mike Lobanov

Frontend Engineer

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## Professional Summary

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Frontend Engineer with 4+ years building content platforms at Yandex—streaming (Kinopoisk, Yango Play) and cross-service content discovery (Lumen). Delivered measurable impact at scale: MENA streaming service reached 1M+ subscribers with RTL support shipped from launch, 20%+ of viewing time on Catch-up TV, 33% analytics incident reduction. Core stack: React, TypeScript, HLS/DASH, DRM (Widevine, FairPlay, PlayReady), Shaka Player.

## Technical Skills

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**Languages:** TypeScript, JavaScript, Python

**Frontend:** React, Next.js, Svelte, Shaka Player

**Technologies:** HLS, DASH, MSE, DRM (Widevine, FairPlay, PlayReady), GraphQL, Apollo

**Tools:** Git, npm, Webpack, Vite, Charles Proxy

## Professional Experience

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**Yandex** Moscow, Russia    2021–Present

*Frontend Engineer — Lumen (Content Discovery)* *May 2026–Present*

- Building the Web SDK for Lumen, enabling integration across Yandex content services — Kinopoisk, Yandex Music, and Yandex Books

*Frontend Engineer — Yango Play* *Dec 2024–May 2026*

- Built RTL/Arabic support for player and UI from initial launch; MENA service reached 1M+ subscribers
- Led Svelte-based webview integration for Yango Taxi superapp, driving new subscription acquisition
- Implemented SEO optimization and GTM instrumentation for content discovery and actor filmography pages

*Frontend Engineer — Kinopoisk* *Summer 2022–Dec 2024*

- Launched Catch-up TV & DVR on web (first platform to ship), achieving 20%+ of total viewing time; delivered 2 months ahead of other platforms
- Built scalable pre-roll capability across 15K+ content items with multi-stream measurement and A/B testing
- Re-platformed player analytics to Evgen stack — 33% incident rate reduction, enabling data-driven playback optimization
- Designed error observability with explicit error codes — 12% reduction in support resolution time
- Shipped cross-browser subtitle translation (Chrome/Edge/Firefox), reducing tab abandonment 4% for foreign content
- Resolved critical DRM overlay regression (Chrome 122) protecting 15% of daily sessions

*Infrastructure Intern* *Summer 2021*

- Internal tooling and distributed systems infrastructure at Yandex scale

## Side Projects

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**Video Player for Data Labeling** (*Karma, HoReCa Analytics*) — Frame-accurate DASH streaming with Shaka Player for ML annotation workflows. Stack: React, TypeScript, Python.

## Education

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**MSc Applied Mathematics & Computer Science** 2023–2025

Moscow Institute of Physics and Technology (MIPT)

*Thesis: Building Player Analytics Platform for Kinopoisk*

**BSc Applied Mathematics & Computer Science** 2019–2023

Moscow Institute of Physics and Technology (MIPT)

## Languages

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Russian: Native • English: Fluent (C1)