

Nikita Yarychev

DevOps / Infrastructure Engineer

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Summary: Infrastructure / DevOps engineer with a developer's background. I set up and run production servers from scratch — Linux, Docker, reverse proxies, TLS — and keep them self-sustaining: what I deploy runs for months and years without intervention. I build CI/CD pipelines (GitHub Actions, GitLab CI, incl. a self-hosted GitLab) and write my own automation tooling in Kotlin, Bash and Python. Commercial experience operating infrastructure handling 3,000+ rps. Looking for a DevOps / Infrastructure role.

EXPERIENCE

DevOps / System Administrator — [Ely.by](#) *Commercial* | 2017 – Present

- Set up, maintained and administered production servers for an alternative Minecraft auth/skin service: 2 servers handling 3,000+ requests/sec combined on average, with uptime reaching several years.
- Configured HaProxy, Traefik and CertBot (automatic TLS); wrote automation scripts to keep services self-sustaining with minimal manual intervention.
- Stack: Docker, Docker Compose, Linux, systemd, Nginx, HaProxy, Traefik, MariaDB, Redis.

Build & Release Automation — [xUSSR Railway Set](#) *Open Source* | 2026

- Authored a custom GitHub Action from scratch to compile an OpenTTD (NML) graphics project.
- Set up per-commit pipelines and automated publishing of nightly builds and releases.
- Stack: GitHub Actions, Docker, NML.

Software Development (selected) *Commercial / Freelance* | 2015 – Present

- **RTrainSim Launcher** (Lead Developer) — built and shipped a cross-platform Kotlin/Compose launcher end-to-end, including its Gradle/CI build and release flow.
- **Legacy Launcher** — feature work and support on a free Minecraft launcher with 1M monthly users (Java).
- Containerized and self-hosted my own services (Docker); maintain a self-hosted GitLab instance for personal projects and CI.

PROJECTS

- **h265fy (2023, 2026):** CLI tooling for batch video conversion — automation utility in Bash and Python. (*Bash, Python, ffmpeg*)
- **EasyWebHook (2022 – Present):** Self-hosted, containerized Telegram bot that adds webhook functionality to any service without modifying it. (*Kotlin/JVM, Ktor, Exposed, Docker*)
- **Quote Board (2018 – Present):** Containerized web app with role-based access and Discord OAuth. (*Kotlin/JVM, Ktor, Exposed, Pebble, H2, Docker*)

EDUCATION

Bachelor's, Computer Science and Engineering | *Moscow Aviation Institute (MAI)* *Graduated 2024*

TECHNICAL SKILLS

- **Infrastructure:** Linux, systemd, Docker, Docker Compose, Podman, Nginx, HaProxy, Traefik, CertBot, Ansible.
- **CI/CD & Build:** Git, GitHub Actions, GitLab CI (incl. self-hosted GitLab), Gradle, custom GitHub Actions.
- **Data stores:** MariaDB, Redis, H2.
- **Automation / Languages:** Bash/Zsh, Python, Kotlin (JVM / Native), Java, SQL.

LANGUAGES

Russian: Native | **English:** B2