



Nikita Dudko

Backend developer with DevOps skills

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Development skills

Rust

Async, Actix Web, GraphQL, Web3, Serde

C++

Modern STD, CMake

Blockchain

BTC-like, EVM-like

PostgreSQL

DevOps skills

Linux

Bash scripting, Systemd management

Kubernetes

Docker, Helm charts, L1 nodes

CI / CD

GitHub, GitLab, Gitea

Reverse engineering skills

Android applications

Inject features in Smali, bypass limits, shrink

Education

Baranovich State University ↗

Bachelor's degree

Information technology

Belarus • 2019–2023

Participated in the Student Research Laboratory, focusing on programming visualization devices in C++, including a POV (Persistence of Vision) display.

Languages

English

B1 Intermediate

Russian

Native

Certifications

EF SET Certificate ↗

28 March 2022

Profiles

GitHub ↗

LinkedIn ↗

Experience

BelHard ↗

Belarus

Blockchain developer

July 2022 — Present

- Built and deployed custom backends to synchronize smart contract transfers and account updates via Explorer and Exchange APIs.
- Managed Web3 infrastructure, including transaction processing, log indexing, and IPFS pin manipulation.
- Developed developer tooling, including a distributed CLI for spinning up local multichain environment.
- Optimized system throughput to handle massive parallel API loads and used Prometheus for real-time performance monitoring.
- Developed of high-performance GraphQL endpoints optimized for CDN caching.
- Optimized storage solutions for large-scale blockchain datasets and implemented feature sets using wasm-bindgen.
- Automated DevOps workflows by deploying L1 nodes in Kubernetes, creating Helm charts, and configuring CI / CD pipelines in GitLab and Gitea for blockchain-related applications. Created new environments for different use-cases.

Personal projects

Homie Home ↗

Backend to control the home devices like piano, temperature monitor and others using USB, Bluetooth and Wi-Fi. It has React frontend ↗ which communicates with the server using **GraphQL**. *Rust*

Friendly CLI ↗

Lightweight feature-rich library for Linux that provides an easy-to-use API for user interaction through CLI. It's written in modern C++17 and doesn't require external dependencies. *C++*

BashAPK ↗

“Diet pills for APK files”, — scripts that simplify editing of decompiled Android applications. The main goal is make easier to create “light” version of applications. *Bash*

InstAPI ↗

Provides abstractions over the Instagram Basic Display API to retrieve tokens and gather user's profile information and media. *Rust*

Canvas ↗

Web implementation of a simple canvas, written using the SDL 2.0 library and Emscripten toolchain. *C++, JavaScript*