

Andrei Rozanov

Software Engineer

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Vietnam · Remote

About

Fullstack developer focused on Rust and high-load systems. 4+ years of commercial experience in backend, web applications and blockchain solutions. Winner of the KaiCode 2026 open-source festival (1st place out of 153 projects). Author of open-source libraries with 50,000+ total downloads on crates.io. Maintainer at HyDE Project. Contributor to Zerocracy projects (Yegor Bugayenko). Lead full-cycle projects from architecture to Kubernetes deployment.

Technical Stack

Backend: Rust (axum, actix-web, tokio, sqlx, tonic/gRPC, utoipa) · Go
Frontend: TypeScript · React · Rust (Yew.rs, Leptos) · WebAssembly
Blockchain: Solana (Anchor, QUIC) · TON · Solidity
Databases: PostgreSQL · Redis · MongoDB
DevOps: Kubernetes · Docker · GitHub Actions · NGINX · Prometheus
Integrations: YooKassa · TON Wallet · ChangeNow · Telegram Bot/WebApp API

Work Experience

Lead Software Engineer / CTO *QBD*

10/2024 — 01/2026

Product development and outsourcing for startups. Sole engineer in the stack: backend, frontend, DevOps, CI/CD. Mentoring interns (2 cohorts × 2 people).

DEX Trading Terminal

- Derivatives trading via Hyperliquid DEX integration
- Real-time data via WebSocket, order and position management

Ordinotes — Bitcoin Ordinals Tracker

- Magic Eden API, multi-wallet data aggregation, total balance calculation
- Refactored legacy Java backend to Rust; presented at Ordinals Paris 2025

Prizoria — Events Platform

- Giveaways with YooKassa and TON Wallet payment integration
- Telegram Mini App for participants, automated winner payouts

Battery — Multi-chain NFT Aggregator

- Whitelists and NFTs on BTC, ETH, SOL, Abstract
- Frontend enhancements on existing codebase (Python + Vue)

Stack: Rust · axum · PostgreSQL · Redis · React · TypeScript · Kubernetes · GitHub Actions

Backend Developer *Smart Money*

06/2024 — 08/2024

Server-side development for a fintech application: REST API, payment system integration.

Stack: Rust · axum · PostgreSQL

Backend Developer (Solana) *Cerberus Software*

04/2024 — 05/2024

- On-chain middleware for Raydium DEX built on top of an existing Anchor contract
- QUIC client for low-latency transaction submission to the Solana network
- RPC node limit research and throughput optimization

Stack: Rust · Solana · Anchor · QUIC

- Admin panels: Rust (backend) + React (frontend)
- Full deployment pipeline: GitHub Actions → Docker → server, NGINX reverse proxy

Stack: Rust · React · PostgreSQL · Docker · NGINX · GitHub Actions

- SPA in Yew.rs compiled to WebAssembly; Rust backend integration via gRPC (tonic)
- Envoy configured as gRPC-Web proxy

Stack: Rust · Yew.rs · WebAssembly · gRPC · MongoDB · Envoy

Gaming Platform:

- Game mechanics for chess, checkers, go, reversi (Go + Rust); matchmaking, stats in PostgreSQL
- Solidity smart contracts for the in-game economy

Crypto Data Aggregator:

- Exchange data collection, metrics computation, REST API for the frontend

Stack: Go · Rust · Solidity · PostgreSQL

Open Source · 40+ repositories · 50,000+ downloads on crates.io

Libraries & Tools

[yew-nav-link](#) ★ KaiCode 2026 — 1st place out of 153 projects

Enterprise-grade navigation library for Yew with automatic active-state detection

[telegram-webapp-sdk](#) ★ 40

Type-safe Rust wrapper for the Telegram Web Apps API

[sql-query-analyzer](#) ★ 25

Static SQL analysis + LLM optimization; SARIF output, CI/CD-ready

[entity-derive](#)

Derive macro: generates DTO, repositories, SQL, REST and OpenAPI

[masterror](#)

Framework-agnostic typed error types for Rust services

[solana-quic-client](#)

Low-latency Solana client over the QUIC protocol

[telegram-bot-template](#)

Production-ready Telegram bot template built on teloxide

Community Contributions: happy-dom (4.5k ★) — pluggable canvas rendering (adapter pattern) merged into core, closing a feature request open since 2021. HyDE Project — Maintainer (Rice Team), Dracula and One Dark themes in the official gallery. Zerocracy / Objectionary — paid contributions to sodg.rs and phie (Yegor Bugayenko).

Education & Languages

Dev Tools & Standards

[RustManifest](#) ★ 5

Coding standards for Rust teams: formatting, linting, CI/CD

[cargo-quality](#)

Rust code quality analyzer with built-in standards

[rust-prod-diff-checker](#)

AST-based PR size control: separates production from test code

Systems & Low-level

[micromap / emap / microstack](#)

Fastest HashMap/Vec alternatives for small collections, zero-heap

[cstring-array](#)

Safe zero-copy wrapper for passing strings to C FFI (char**)

[logi-mx](#)

Full Linux driver and configurator for Logitech MX mice