Ivan Bubenev



Full-stack developer · Next.js / React / TypeScript

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Yerevan, UTC+4 · remote · B2B or employment · RU native · EN B1–B2

Moscow Polytech — Web Technologies (not completed)

SUMMARY

Writing code since 2020 — started with Discord bots on Node.js and for the last few years have focused on React and Next.js. I build full-stack web apps: interfaces, API design, real-time features (WebSocket, PostgreSQL LISTEN/NOTIFY) and self-hosted infrastructure on Docker and nginx — and I own them end to end, from the database schema to the deploy.

SKILLS

Frontend	Next.js (App Router), React, TypeScript, JavaScript, Tailwind, React Native / Expo, SSR / SSG
Backend	Node.js, Express, Socket.IO, Better Auth, Payload CMS, REST API, OAuth
Databases	PostgreSQL (pg_cron, LISTEN/NOTIFY), MongoDB, Supabase, MySQL
DevOps	Docker, nginx, Cloudflare, Woodpecker CI, GitLab CI, Linux
Learning	Go

EXPERIENCE

Frontend intern — Yandex

Official internship · August — September 2026

- Built interfaces as part of a frontend team
- Took part in code review
- Wrote tests

PROJECTS

lta-helper — Staff portal for a laser tag arena · ~250 users

Solo: product, design, frontend, backend, deploy · 2023 — 2026 · demo-lt.bubenev.su

- Three-level role hierarchy: administrator → staff → actor
- Calculates payroll instead of just tracking it
- Real-time updates over Socket.IO
- Auth with Better Auth
- Self-hosted, CI/CD on Woodpecker; team chat on my own Matrix server
- Public demo version for the portfolio

Next.js App Router · TypeScript · Socket.IO · Better Auth · PostgreSQL · Docker · Woodpecker

Abyss — Site, auth, payments and bots for a Minecraft server

Solo: everything web and infrastructure · abyss.cat

- Next.js + Payload CMS, Lexical rich text
- Sign-in with Microsoft / Xbox Live (Better Auth generic OAuth, passed Azure app review)
- Custom donation flow: YooKassa / T-Bank
- PostgreSQL + pg_cron for scheduled jobs
- Standalone Next.js build in Docker behind nginx and Cloudflare

Next.js · Payload CMS · Better Auth · PostgreSQL + pg_cron · Docker · nginx · Cloudflare

Homelab — Self-hosted infrastructure I run day to day

Admin and only on-call engineer

- Matrix: Synapse + MAS + LiveKit + PgBouncer
- PostgreSQL 16 → 18 migration, custom image with pg_cron, hypopg, pgaudit, pgvector
- GitLab CE + Runner, Woodpecker CI
- Immich, Nextcloud AIO + OnlyOffice, Frigate NVR, Navidrome
- Pelican panel for game servers

Docker Compose · nginx · PostgreSQL · Linux

ALSO

abyss-launcher — A custom Minecraft launcher instead of Prism / Freesm. In progress.
Discord bot — Tickets and moderation for the Abyss community.
Telegram bot — Community bot for the server.
CCTV bot — An in-game camera bot for a Minecraft world, viewable in the browser.
Paper plugin — Server-side Minecraft plugin backed by PostgreSQL.
School Helper — Mobile app — my first step towards full-stack.
AI NPC dialogue — Experiment: NPC conversations driven by local LLMs.