TIMOFEY TIMOSHKIN

FRONTEND ENGINEER / PRODUCT DEVELOPER

WEB PRODUCTS SINCE 2018

TELEGRAM / @TTIMOSHKIN | GITHUB / ANODS | TIMOSHKIN.DEV | FAVOR.DEALS

PROFILE

Frontend engineer and product developer with commercial experience. Building web products since 2018, taking them from zero to MVP and an operating business. Core expertise in React, Next.js, TypeScript and frontend architecture. Worked in sprint-based product teams, managed Jira tasks, reviewed merge requests in GitLab and shipped products end-to-end. Since 2026 also building open-source systems software in Zig.

EXPERIENCE AND PRODUCTS

TEXSOFT / product startup - Lead Product Developer -> Web Information Systems Developer — 06.2025 - 07.2026

+ Joined at the startup stage as lead product developer, owning zero-to-one launch, architecture, prioritization and delivery up to a repeatable team process; left after the startup became a standalone company (formal role: Web Information Systems Developer).
+ Built a commercial real-time messaging frontend with Feature-Sliced Design: Next.js 15, React 18, TypeScript, TanStack Query and Zustand; WebSocket messaging, LiveKit audio / video calls, file previews and responsive chat and group flows.
+ Worked in a commercial sprint cycle: planning and tracking in Jira, merge requests and code reviews in GitLab, Playwright E2E tests, GitLab CI / CD, multi-stage Docker builds and release coordination.

Open-source systems software - Author / Systems Engineer — 2026 - Present

BLACKWALL

+ Open-source VPN client in Zig with its own route for every app: VLESS with REALITY, Trojan, Shadowsocks and VMess; the TCP/IP stack, TLS 1.3 and HTTP/2 are written from scratch. macOS, Windows, Linux and Android from one codebase; a release is one 3 to 14 MB file with signed updates.

RDC

+ Remote desktop in Zig for people and AI agents: any browser connects by a link or a 9-digit code, peer to peer over WebRTC with ICE, DTLS and SCTP written in Zig; also an MCP server for Claude, Codex or ChatGPT. The whole app is a download of about 600 KB.

Independent products - Founder / Product Engineer — 2024 - Present

Favor (favor.lol -> favor.deals)

+ Evolved a Web3 referral mini app into a live marketplace for contracts and deals inside Telegram: Next.js, Telegram integration, contract cards, direct and escrow deals, SEO pages, Telegram content import and hybrid monetization.
+ Graduation project: selected among the top six at the final demo day of the Startup as a Thesis track at ROSBIOTECH (June 2025).

loot.gifts

+ Co-built an ad-supported Telegram product with a backend partner, owning the Next.js / TypeScript frontend; reached up to 3,822 monthly users and 2,000 completed target actions.
+ Integrated the frontend with a Go API backed by PostgreSQL / Redis and shipped through Docker / Dokploy; 44.3K search impressions and 4.5K visits in one month. Validated acquisition, ad monetization and unit economics with real traffic and my own budget.

@pilemidabot

+ Built the Telegram Mini App frontend with a partner; the team moved from concept to a working release in 3 days.

zvonilka.timoshkin.dev - video calls by link

+ No install and no servers: direct WebRTC, encrypted signalling over public MQTT brokers, a Cloudflare relay as fallback and a Telegram Mini App.

Big Balls Birds - Lead Frontend Developer, Telegram Mini App — Summer 2024

+ Led frontend and DevOps in a four-person team, coordinating with backend and support; shipped the first mini app version in 2 months, with approximately $5,000 in project revenue.

PNG Bazaar - Frontend Developer / Product Designer, Web3 — 2023 - 2024

+ Co-built an NFT creation platform on Mantle with two partners, owning product structure, UI / UX and frontend delivery. The product placed 30th in Mantle Journey and received a $25,000 project payout; personal share was approximately $4,300.

ROSBIOTECH - engineering lab and teaching — 2023 - 2026

+ Laboratory assistant in engineering, prototyping and additive technologies; taught programming at the university technopark (10.2023 - 07.2024). Part-time instructor at the International College of Technology (02.2026 - 03.2026).

Other work: pinkyk.ink - booking site for a private nail artist, static HTML with GSAP and SEO markup, live in one day (2026); researched.xyz - crypto wallet research product on Next.js; ALT - RUB / USDT exchange interface; blueberry.productions - artist site on the Spotify API; web studio - first commercial team experience, 2 months in summer 2019.

TECHNICAL SKILLS

Core frontend	TypeScript, React 18 / 19, Next.js 15 / 16, App Router, SSR / ISR, HTML5, CSS, Tailwind CSS, Vite
Frontend architecture	Feature-Sliced Design (FSD), TanStack Query, Zustand, Zod, React Hook Form, component systems, responsive UI / UX
UI and integrations	Framer Motion, Three.js / R3F, Recharts, Lottie, REST / OpenAPI, SSE, LiveKit / WebRTC, Telegram Mini Apps, TON / TonConnect
Backend and systems	Node.js, Go, Prisma / GORM, PostgreSQL, Redis, JWT, cron; Zig, TCP/IP, TLS 1.3, WebRTC, MCP
Delivery and quality	Git / GitLab, merge requests, code review, Jira, Playwright E2E, GitLab CI / CD, Docker / Compose, Dokploy
AI-assisted workflow	Gemini / Antigravity plan -> refine the MD plan -> Codex implementation -> review and fix the git diff -> independent Codex agent review -> validate its findings and fix confirmed issues -> open MR

EDUCATION

Russian Biotechnological University (ROSBIOTECH) - university studies; Favor graduation project — **2020 - 2025**

School of Programmers (informatics.ru) - foundational training — **2018**