Ivan Streltsov

Hello! I'm a frontend engineer building production web applications, AI products and complex user interfaces.

Email: ivan@streltsov.app Site: streltsov.app GitHub: github.com/zknone Italy · Remote

SUMMARY

Frontend engineer with 5 years of production React, Next.js and TypeScript. Sole owner of the real-time layer (WebSocket, WebRTC) on a US telemedicine platform; before that, 80+ screens and 130+ components for EPAM clients. Seven years in marketing and editorial before engineering.

–30% chat re-renders · 500+ automated tests written · 5 years of frontend in production

EXPERIENCE

Frontend-developer · US Telemedicine Platform (NDA)

Remote · Nov 2024 — Present

- Reduced dropped WebRTC calls by 7% (confirmed by product and QA): traced failures to public relay infrastructure, made the case for a dedicated TURN server, specified TURN credential delivery over WebSocket with backend, and rebuilt the connection flow around backend-issued credentials and ICE restart.
- Re-architected a 2,000-line WebSocket handlers monolith into 13 feature-sliced modules with a hard boundary between socket transport and state mutation, so new message types ship from established patterns; consolidated 30+ legacy components into a shared UI kit adopted by the messaging team.
- Cut chat re-renders by ~30% against a React Profiler baseline (granular selectors, splice-based updates preserving referential equality, react-window virtualisation, portal-rendered context menus, memoised rich-text editor); conversations of 3,000+ messages scroll smoothly with full history.

React, TypeScript, WebSocket, WebRTC, Zustand, Redux Toolkit, Web Crypto API, Jest, Cypress

Frontend-developer · EPAM

Product Studio, B2B clients (govtech, fintech, social) · Remote · Mar 2023 — Nov 2024

- Delivered 80+ screens and 130+ reusable components in React, Next.js and React Native. Built an applicant-facing govtech portal: multi-step building permit applications, full i18next localisation.
- Developed fintech dashboards with investment package browsing, booking and onboarding flows.
- Built a React Native/Expo social media app MVP (6-month build) with gesture-driven navigation and swipe interactions.

NextJs, React, TS, Tailwind, CI/CD, React Native, Expo, i18next, Jest, Lighthouse

Frontend-developer · Invisalign Ru

Orthodontic Aligner Manufacturer · Web & Internal Tooling · Aug 2021 — Jan 2023

- Built an internal SPA for partner orthodontists covering case submission, photo upload, support messaging and loyalty points; 3,000+ clinical cases processed through it.
- Shipped 30+ marketing landing pages in a year.
- Ran A/B tests in Yandex.Metrica and Vercel Analytics, cutting time to conversion on a key page by 12%.

React, TS, GitHub, Figma, Photoshop, Yandex.Metrica, Vercel Analytics (A/B testing)

SELECTED PROJECTS

Portfolio CMS — A content workstation for running the whole site alone: writing, portfolio, leads, newsletters, live chat and the AI assistant, all in one panel. streltsov.app/projects/ai-powered-cms-platform

yick.art — Editorial Archive — A custom editorial archive for art critic Valentin Diakonov (curator at the Whitworth). streltsov.app/projects/yick-art-editorial-archive

SKILLS

Core: React, Next.js, TypeScript, Redux Toolkit, Zustand, CSS Modules; **Real-time:** WebSocket, WebRTC, Socket.io; **Testing:** Jest, Cypress, Vitest, React Testing Library; **Tooling:** Node.js, PostgreSQL, Vite, Docker, Figma

LANGUAGES

Russian — native · English — B2 · Italian — basic