

Aleksey Bykovskii

Senior Frontend Engineer

Basics

Senior Frontend Engineer with 5+ years building and scaling product-focused React/TypeScript applications. Track record of driving measurable improvements —migrating legacy codebases, reducing cycle time, and shipping reliable internal tooling used across teams. Experienced in cross-functional collaboration, mentoring engineers to mid-level, and taking full ownership from architecture to production deployment.

Skills

Frontend Expert **Keywords:** React, TypeScript, JavaScript, Redux Toolkit, RTK Query, Next.js, Astro, Vitest, Jest, SCSS, Tailwind CSS, CI/CD

Work

Jun 2021– Present **Senior Frontend Developer, 42 LLC**

Served as a senior frontend engineer on Moscow Electronic School (MES) —a government-scale education platform used by millions of students across Moscow, maintained by a cross-functional team of 10+ engineers.

- Drove a full TypeScript migration across 5 projects, upgrading 1,000+ components and reducing tight coupling between codebases —enabling new engineers to navigate unfamiliar projects 3x faster.
- Architected and co-built a Coursera-style course platform within MES —designed the frontend architecture, led the team through implementation, and shipped to production.
- Designed and rolled out unified ESLint and dprint configurations across 5+ projects, eliminating inconsistent formatting and establishing a single code style standard across the entire team.
- Led migration to Redux Toolkit, standardizing async patterns and cutting sprint cycle time by ~40%.
- Acted as a go-to technical resource across multiple teams —regularly consulted on architecture decisions and contributed to final technology choices for new features and systems.
- Continuously mentored interns and junior engineers —onboarding them into projects, conducting code reviews, and providing structured feedback; grew 5 engineers to mid-level within 24 months.

Keywords: React, JavaScript, TypeScript, Redux Toolkit, SCSS, Jest, Vitest

Mar 2020– May 2021 **Middle Frontend Developer, Urban IT**

Contributed to a civic tech startup building a crowdsourced cleanliness-rating platform for residential courtyards in Khabarovsk —allowing residents to rate and track neighborhood cleanliness via an interactive map.

- Built the React/TypeScript frontend within a small team, implementing interactive map views with Yandex Maps API (migrated from Google Maps).
- Integrated Redux for state management across dynamic map and rating features.
- Contributed to the Node.js/MongoDB backend and improved build performance via Webpack optimization.

Keywords: React, JavaScript, TypeScript, Yandex Maps API, Redux, Webpack, Node.js, MongoDB

Feb 2019– Mar 2020 **Web Developer, Freelance**

Delivered frontend work across ~100 client projects over 12 months – ranging from UI fixes and component builds to full landing page development.

- Maintained a strong repeat-client rate, with multiple clients returning for 2–3 additional engagements.
- Adapted quickly to varied codebases and requirements across diverse projects.

Keywords: React, JavaScript, TypeScript, Redux, CSS, SCSS

Remote

✉ aybykovskii@gmail.com • [in @aybykovskii](https://www.linkedin.com/in/aybykovskii) • [@aybykovskii](https://github.com/aybykovskii)

Projects

- Feb 2026– Feb 2026 **Daaspil Digital Store**, *Conversion-focused landing page for an Instagram creator selling digital guidebooks —live with active sales*, <https://daaspil.com>
- Built and shipped a conversion-focused landing page for an Instagram creator to sell digital guidebooks —solo end-to-end, currently live with active sales.
- Integrated Robokassa payment API with full checkout flow and order confirmation.
 - Built on Astro with self-hosted Convex, AWS S3, and CloudFront —configured SEO and caching from scratch, achieving sub-second load times.
 - Owned full infrastructure: dedicated server setup, CI/CD pipeline, and deployment.
- Keywords:** TypeScript, React, Astro, Tailwind CSS, Convex, Robokassa, CI/CD, AWS S3, CloudFront, SEO
- Aug 2025– Oct 2025 **Guidegram**, *Production Telegram commerce bot for a content creator to sell digital products with full payment integration and creator tools*, <https://github.com/toro-devs/guidegram-preview>
- Built and shipped a production Telegram commerce bot for a content creator to sell digital products —sole developer, end-to-end from architecture to deployment.
- Integrated YooKassa and Robokassa payment APIs with full paywall logic —payment link generation, webhook-based confirmation, and gated content delivery.
 - Built discount and segmented broadcast features —targeted messages to all users or buyers of a specific product.
 - Owned full infrastructure: CI/CD pipeline, server provisioning, and deployment.
- Keywords:** grammY, PostgreSQL, BullMQ, Hono, Redis, TypeScript, YooKassa, Robokassa, CI/CD
- Nov 2022– Aug 2023 **Baby Vita Dent**, *Full-stack web platform for a Moscow dental clinic network —booking system, admin panel, and SEO-optimized frontend*, <https://babyvitadent.ru/>
- Built a full-stack web platform for a Moscow dental clinic network serving ~5,000 monthly users —delivered in 6 months by a 2-person team.
- Owned the full frontend: Next.js UI, admin panel, and SEO optimization.
 - Designed and built an end-to-end appointment booking system —users select a clinic branch, doctor, and time slot; confirmations are routed via a custom Telegram bot to the relevant branch staff.
 - Contributed to the Node.js/Express/MongoDB backend alongside the backend developer.
 - Platform has been live and actively used since launch.
- Keywords:** React, JavaScript, TypeScript, Next.js, Node.js, Express, MongoDB, Telegram Bot API, CI/CD

Languages

- Russian Native or Bilingual Proficiency
- English Full Professional Proficiency
- Spanish Limited Working Proficiency

Remote

✉ aybykovskii@gmail.com • [in @aybykovskii](https://www.linkedin.com/in/aybykovskii) • [@aybykovskii](https://www.instagram.com/aybykovskii)