# MAKSIM FRELIKH

Senior Frontend Developer **5+ years** experience
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## SUMMARY

Senior Frontend developer with **5+ years** at VK and Avito, building high-traffic interfaces for millions of users, plus 2 years of **team-leading** experience. Mentored junior and mid-level developers, ran code reviews and technical interviews, and contributed to architecture decisions. Cover the full development cycle: requirements, API integration, testing, CI/CD. Specialize in React/TypeScript, performance optimization and complex UI state management, shipping paid features that move business metrics.

Also built advanced features: a PDF editor UI, virtualization for thousands of files, an interactive price chart, and micro-frontends via Module Federation. Use AI-assisted tools and keep up with how they're reshaping frontend development. On the side, build and ship my own open-source products, and grow a personal brand by writing about frontend and speaking at meetups.

## SKILLS

***Core:*** JavaScript, TypeScript, React 18/19, Next.js, HTML, CSS, Sass, CSS Modules, Tailwind CSS, styled-components, responsive UI, accessibility (WCAG, ARIA), i18n
***State & data flow:*** Redux (Redux Toolkit, RTK Query), TanStack Query (React Query), Zustand, MobX, React Router, React Hook Form, Zod, REST, GraphQL (Apollo Client), WebSocket
***Performance & architecture:*** frontend architecture, design systems, Feature-Sliced Design, Module Federation, Core Web Vitals (LCP, INP, CLS), Lighthouse, code splitting, lazy loading, virtualization, memoization, SSR, PWA (Service Workers), cache invalidation, optimistic updates
***Testing & quality:*** Jest, Vitest, React Testing Library, Playwright, Cypress, Storybook, ESLint, Prettier, web security (XSS, CSRF, CORS, CSP)
***Tooling & infrastructure:*** Webpack, Vite, Git, GitHub Actions, GitLab CI/CD, Docker, Node.js, Sentry, monorepos (Turborepo, Nx), production debugging, Cursor, Claude Code, Codex
***Product delivery:*** Agile, Scrum, Jira, Figma, A/B testing, feature flags, product analytics

## PROFESSIONAL EXPERIENCE

VK | Mail.ru Cloud — Jul 2023 – Present

*Consumer cloud storage used by millions — file-management flows, monetization, performance and frontend architecture.*

- Optimized rendering of large file collections (list/grid virtualization, memoization), bringing first render down from **2.3s** to **0.4s**
- Trimmed the initial JS bundle by **25%** through code-splitting heavy media and UI modules into lazy-loaded chunks
- Designed a unified, entity-based frontend layer for file workflows that cut duplicated logic by **31%** and accelerated feature delivery
- Launched a family subscription end-to-end; it now accounts for **12%** of new purchases

***Technologies*:** React, TypeScript, Redux Toolkit (RTK Query), Feature-Sliced Design, Module Federation, Webpack, Playwright, Sentry

AVITO | Travel / Short-Term Rentals & Hotels — Feb 2021 – Jul 2023

*Hotel search and booking marketplace — filtering, booking UX, offer comparison and conversion.*

- Built hotel filtering with state synced to URL params and persisted across sessions, reducing repeat searches by **14%**
- Moved filtering fully client-side, eliminating extra backend calls and cutting average room-selection time by **17%**
- Reworked the photo gallery, lifting booking conversion by **6%**
- Shipped an interactive price chart with range selection tied to the booking form, raising completed bookings by **7%**

***Technologies*:** React, TypeScript, MobX, styled-components, Sass/SCSS, Webpack, Jest, Cypress

## EDUCATION

**Bauman Moscow State Technical University** — 2023
BSc in Information Systems and Technologies · Faculty of Computer Science and Control Systems

## PERSONAL BRAND & SIDE PROJECTS

Build and ship own open-source products from product and UI through backend and release. Write about frontend on personal site, frelikh.dev — practical pieces on React performance, AI-assisted development, and frontend architecture. Also taught in VK's web-technologies program at BMSTU and gave a talk, "Mentoring and Code Review Without the Pain," at a VK frontend meetup.