

Maiia Alekseeva

Product Engineer

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SUMMARY

Frontend engineer with 5+ years of experience building complex, data-intensive React and TypeScript applications. Full-stack experience with GraphQL (resolvers and API endpoints) and developer tooling for a shared component library. I specialize in business logic, data visualization and performance, and ship features with AI coding tools (Cursor, Claude), reviewing their output critically. Based in Lisbon, working remotely in European time zones.

SKILLS

Core	React, Next.js, TypeScript, JavaScript, HTML, CSS
Frontend	Ant Design, Material UI, Konva, MobX, Redux, Redux Saga, SWR
Backend & APIs	Node.js, GraphQL (resolvers, API development), REST APIs, Prisma, PostgreSQL, WebSockets
Testing & Tooling	Jest, React Testing Library, Storybook, Bash, Git, Vite, Nx, Lighthouse
AI-assisted Development	Cursor, Claude, LLM APIs

EXPERIENCE

Transneft Technologies · Frontend Developer	September 2024 – present
Oil Flow & Reference Data Management System (React, TypeScript, Ant Design, REST API): enterprise application for managing oil transportation networks, interconnected reference data and operational metrics such as oil density, viscosity and flow volumes. - Built graph-based workflows for managing vertices and edges, with dynamic forms and conditional validation across dependent fields and entity relationships, including business-specific rules. - Implemented a reference data version comparison interface showing source, target and differing values, with logic for selecting available versions. - Built advanced data tables with custom sorting, filtering and editing workflows; debugged data dependencies and edge cases with backend developers. Kafka Services Management UI (internal UI Kit): delivered an internal web interface for managing Kafka services in 3 weeks by building on the UI Kit. Visual Screen Form Editor (React, Konva, MobX, Quill, Nx): extended a graphical editor with a rotation-point feature for precise shape transformations, and fixed canvas interaction and positioning issues.	
AMMC Group · Frontend Developer	September 2023 – August 2024
Regional resident card portal (Next.js, TypeScript, Ant Design, Redux Saga, SWR): reduced application bundle size by 40% through frontend performance optimization, using Lighthouse audits to identify improvement opportunities. Implemented real-time status notifications with WebSockets, a multi-step application form with flexible validation and government services integration, and advanced search and statistics tools in the admin panel. Mentored two junior developers, cutting their onboarding time by 50%. BW Marketplace (Next.js, TypeScript, Material UI, Redux, Socket.IO, Jest, React Testing Library): built a marketplace platform from scratch with product catalog, dynamic filtering and user profiles. Raised test coverage from 0% to 70%; production bugs decreased by 20%.	
Bars Group · Frontend Developer	January 2023 – August 2023
Budget process application for the Ministry of Finance (Next.js, TypeScript, Ant Design): built highly interactive editable tables, and refactored legacy code to reduce technical debt by 30%. Cut pull request review time by 20% by advocating smaller pull requests.	

- **Natera** (US healthcare company), **full-stack development**: developed features for a patient-facing healthcare platform, working on both frontend and backend. Built a patient portal for users who had ordered medical tests, with email notifications and tailored video content (Wistia).
- **Backend**: fixed backend business logic, modified GraphQL resolvers and implemented new GraphQL API endpoints. Optimized GraphQL queries to cut API response times by 15%.
- **Shared component library and tooling**: developed a reusable React component library documented in Storybook, with versioning and release workflows automated through Bash and other scripts; contributed to shared UI infrastructure used across the product.
- Implemented multi-factor authentication by email and SMS; raised test coverage from 40% to 70%, reducing bug discovery time by 25%.
- **Internal Security System**: built a real-time monitoring tool with WebSockets for checkpoint operations; raised test coverage from 0% to 35%.

PROJECTS

Table Fable · full-stack personal project, AI-assisted (Cursor, Claude)

table-fable.com

Next.js, TypeScript, Prisma, PostgreSQL, Vercel, Cloudflare R2

- Live trilingual (Russian, English, Portuguese) publication with recipe, review, event and article pages.
- Telegram content ingestion into an admin content inbox, with duplicate detection and a scheduled daily synchronization (Vercel Cron).
- AI-assisted drafting and RU to EN/PT translation through the Together API; place details import through the Google Places API; image processing and storage on R2.
- Prisma data model (11 migrations) and unit tests for import, translation and locale logic.
- In progress: search and filtering, and further admin improvements.

EDUCATION AND LANGUAGES

HSE University, Bachelor's degree in Science, Technology and Innovation Management and Policy (2008 – 2012). Frontend development courses: Orion Innovation Learning Center, GeekBrains (2020 – 2021).

English (B2), Portuguese (A1), Russian (native)