Aleksandr Mansurov

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Summary

Senior Frontend Engineer with 10+ years of experience building scalable web applications and design systems. Expert in modern JavaScript/TypeScript, React, and Next.js ecosystems. Proven track record in developing large-scale applications with complex state management and role-based access systems. Strong focus on performance optimization and responsive design, with additional expertise in React Native mobile development.

Experience

Senior Frontend Engineer, OneSoil   Sep 2019 to Jul 2024

- Led frontend architecture for dealer-client role management system with React, TypeScript and Redux, enabling agricultural dealers to manage multiple client accounts, increasing platform adoption by 35%
- Created company-wide design system with Tailwind CSS and interactive data visualizations, resulting in 40% faster development time and consistent UI across 50+ components
- Built Next.js based web application for field analytics and monitoring, improving page load times by 30%
- Implemented offline-first React Native mobile app using WatermelonDB, increasing field usage by 30%

Senior Frontend Engineer, Rocketbank   Mar 2017 to Sep 2019

- Architected and developed full-featured banking mobile app using React Native for Android and iOS
- Collaborated with native teams to create and optimize cross-platform modules, improving app performance by 25%

Frontend Engineer, idaproject   Oct 2014 to Mar 2017

- Developed interactive canvas-based websites for enterprise clients, focusing on performance and responsive design
- Grew from first frontend developer to senior role, mentoring junior developers in a team of 4

Education

Gubkin Russian State University of Oil and Gas, BS in Computer Science   2009 to 2014

- **Coursework:** Use of Multi-Agent Systems in the Oil and Gas Industry
- participated in a math Olympiad at the national level

Gubkin Russian State University of Oil and Gas, MS in Informatics and Computer Engineering   2014 to 2016

- **Coursework:** Development of an Integrated Web-Based User Support System

Talks

Time zones. How we investigate and solve problems – OneSoil Tech Track. Warsaw, Poland   Jul 2022

Technologies

Languages: JavaScript, TypeScript, Python, Swift, Bash, C#, SQL

Frameworks: React, React Native, Next.js, Svelte, Jest, Cypress

Libraries: Redux, Effector, Express.js, Node.js, FastAPI

Databases: PostgreSQL, MongoDB, WatermelonDB, Firestore

Other: Git, GraphQL, Websocket, Docker, CI/CD, GitHub Actions, Electron, Xcode