

Alexandr Sokolov

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Summary

I'm a frontend developer with experience in enhancing user interfaces and optimizing application performance. My work involves supporting code, fixing bugs, and adding new features to improve application functionality. I aim to utilize modern technologies and best development practices to create more user-friendly and efficient applications.

Skills

React, Next.js, Rest API, Typescript, CSS/SCSS/Less, JavaScript, Tailwind, Redux, Zustand, HTML5, RTKQuery

Experience

School bus manager | 08/2023

- Maintained and refactored existing legacy code (class components), fixed bugs, and developed new features.
- Integrated TypeScript and migrated the project to Vite, which required updating or replacing numerous outdated npm packages.
- Updated Redux and transitioned to RTKQuery. Conducted a seamless migration by using new selectors and old reducers to ensure stable application performance.
- Collaborated closely with backend developers to streamline API integrations, reducing data fetch times and improving overall application responsiveness.
- Converted styles from Less preprocessor to CSS modules. Reorganized styles and implemented reusable UI components. Introduced lazy loading for most pages, reducing the main chunk size by 75% and significantly speeding up the application's loading time.
- Redesigned the modal windows system. Implemented a single container for all modals managed through Zustand, simplifying debugging and speeding up the creation of new modals.
- Optimized the performance of pages rendering large lists (500+ items) by introducing virtual scrolling, which significantly increased performance.
- Spearheaded the introduction of a modern design system, ensuring consistent UI/UX across the application, resulting in improved user satisfaction and engagement.

Moscow

Aeroidea | 07/2022 - 08/2023

- Joined the team during the project design phase before the first MVP.
- Developed separate packages for design system components and helper functions, necessary for supporting multiple projects.
- Provided assistance and conducted code reviews for junior developers in the team.
- Implemented content creation functionality in the admin panel. Administrators could create various blocks (descriptions, sliders, product selections by category, event slides, and more).
- This allowed administrators to create unique pages for different events, promotions, and advertising campaigns, and remove them when no longer needed.
- This solution was also used for customizing advertising banners and promotions within the application.
- The application was built on Next.js. To optimize performance, a significant portion of backend requests was moved to the server-side, with some remaining on the client-side.
- Performed fine-tuning of page caching for faster page load times.
- Addressed the needs of users with disabilities: implemented themes with high contrast, as well as options for increasing font sizes and letter spacing.

Zoftify | 02/2021 - 07/2022

- Made significant contributions to the development of a web application using cutting-edge technologies and tools, including the Next.js framework. Actively involved in all stages of development, from design to implementation and optimization.
- Meticulously optimized bundle size and page loading speed, resulting in improved performance and user experience of the application.
- Created and customized administrative panels for both internal company projects and clients. The flexible and intuitive interface of the administrative panels allowed users to easily manage content and customize application settings.

- Actively participated in the development of an innovative application aimed at providing various specialized services such as massage, hairdressing, and more. This application demonstrates my ability to implement complex functional requirements and adapt to various business scenarios.
- In addition to core technologies like Stripe for payments, Chart.js for data visualization, and Tailwind for styling, I continuously strive to learn and implement new tools and approaches to ensure high quality and innovation in my work.

Helium10 | 07/2019 - 02/2021

- Provided support for large company projects and developed new ones.
- Developed the company's UI libraries and created a user interface for the Amazon seller app.
- Designed a system to monitor the history of goods prices, competitor prices, and set up advertising campaigns down to keywords. This enabled users to effectively manage their business on the Amazon platform and increase competitiveness.
- Contributed to the creation of a custom component library, including testing and documentation through a storybook. This ensured high quality and stability of the application's user interface.
- Participated in the development of tools for Amazon sellers (Adtomic), providing users with convenience and efficiency in sales on the platform.