

Aleksandr Novikov

Senior Frontend Engineer · React / TypeScript / Performance / Developer Tools

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Senior Frontend Engineer with 8+ years of experience building performance-critical web applications, scalable frontend architecture, and developer-facing tools with React, TypeScript, JavaScript, Node.js, Vue, and Nuxt. Specialized in rendering optimization, large-scale UI systems, complex state management, and frontend performance. Currently working on Allure Report, building automated test reporting interfaces capable of handling 10k+ test cases at scale. Strong background in developer tools, testing infrastructure, reporting UX, legacy modernization, documentation, and remote cross-team delivery.

WORK EXPERIENCE

Senior Frontend Engineer | Qameta Software, Remote | June 2024 – Present

- Architected a full frontend rewrite of Allure Report using React, Preact, TypeScript, and Node.js to support large-scale automated test reports with 10k+ test cases.
- Optimized rendering performance for large DOM trees and data-heavy interfaces, reducing UI lag under heavy report loads.
- Contributed to frontend architecture, reporting infrastructure, documentation tooling, and developer experience across the Allure ecosystem.
- Supported automated testing workflows used by engineering and QA teams to analyze test results, investigate failures, and navigate large reports at scale.
- Introduced and migrated documentation to VitePress, improving maintainability, content update speed, and internal developer workflow.
- Worked beyond the UI layer when required, including Node.js tooling, reporting infrastructure, and product-level technical decisions.

Senior Frontend Developer | Voximplant, Remote | March 2021 – June 2024

- Led migration from Vue 2 to Vue 3 / Nuxt 3 across 3 core products, reducing technical debt and improving frontend architecture.
- Built complex real-time interfaces with high-throughput data flows, state management, dashboards, calls, and messaging workflows.
- Drove frontend quality through code reviews, refactoring, debugging, architectural decisions, and cross-functional collaboration.
- Reduced system response time by 15% through targeted frontend optimization and improved API interaction patterns.
- Improved control panel and product loading speed by 35%, directly improving UX in production systems.

Frontend Developer | Digital Media Company (Confidential), Russia | September 2016 – March 2021

- Built and maintained production web applications in a high-traffic media environment with millions of monthly users.
- Developed complex frontend features using React, Redux, Vue, and modern JavaScript.
- Implemented PWA architecture, improving mobile loading speed by 50% and strengthening the mobile user experience.
- Redesigned the build pipeline with Rollup, reducing deployment time by 30% and improving release efficiency.
- Collaborated closely with backend, product, analytics, and editorial teams to deliver user-facing features in a fast-moving production environment.

SKILLS & STACK

Languages: TypeScript, JavaScript

Frontend: React, Preact, Vue 2/3, Nuxt 2/3, Redux, Effector, Immutable.js, HTML5, CSS3

Architecture & Performance: Frontend architecture, scalable UI systems, component architecture, design systems, rendering optimization, performance profiling, data-heavy interfaces, legacy modernization

Developer Tools & Infrastructure: Allure Report, test reporting systems, testing infrastructure, developer-facing tools, Node.js, Express, REST API, Vite, Webpack, Rollup, VitePress, CI/CD

Quality & Collaboration: Playwright, code reviews, debugging, refactoring, technical documentation, remote async work