Egor Shumanskii

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Software Engineer (JavaScript, React)

Professional Summary

Experienced Software Engineer with 6+ years in front-end development and web technologies. Proven ability to optimize system performance, architect scalable solutions, and lead successful projects. Strong focus on front-end best practices, modern UI development, and team mentorship.

Experience

Principal Frontend Architect
March 2023 – Present

AB Handshake Corporation — *Miami, FL, USA*

- Led frontend development and acted as Tech Lead for a team of two mid-level developers.
- Designed and implemented a reusable UI component library in an internal npm package, reducing development time by 30% and ensuring UI consistency.
- Optimized system performance, reducing load time by 40% by implementing Microfrontend architecture with Module Federation.
- Refactored four production projects, replacing legacy code with modern best practices, increasing maintainability by 60%.
- Mentored junior developers, conducted code reviews, and led technical training sessions.
- Conducted technical interviews, successfully onboarding three developers, improving team expertise

Senior Frontend Engineer
May 2022 – March 2023

Datarockets — *Kitchener, ON, Canada*

- Developed and launched two commercial projects, enhancing user engagement by 25%.
- Implemented CSRF protection, strengthening web security against attacks.
- Designed and built a multi-step onboarding flow, increasing client activation rates by 35%.
- Integrated Stripe payments, streamlining transactions and subscription management.
- Optimized server-side rendering (SSR), reducing initial page load time by 50%.

Software Engineer
October 2021 – May 2022

EPAM — *Moscow, Russia*

- Architected and implemented a scalable frontend system, improving performance by 50%.
- Implemented intelligent code-splitting strategies, reducing bundle size by 40%.
- Standardized development practices by enforcing ESLint & Prettier, improving code quality across teams.

Senior Frontend Developer
March 2021 – October 2021

Sovcombank — *Moscow, Russia*

- Developed and launched a high-performance banking website, achieving a 90+ Google PageSpeed score.
- Implemented SEO strategies, improving organic traffic by 40%.
- Built a real-time payments processing service and a dynamic credit calculator.
- Refactored and modularized frontend architecture, increasing developer efficiency by 50%.

Frontend Developer
May 2020 – February 2021

Krastsvetmet — *Krasnoyarsk, Russia*

- Developed a Metals Trading Platform used by traders, economists, and forecasters.
- Implemented authentication (JWT) and role-based authorization, improving security and user management.
- Optimized frontend performance, reducing render time by 35% using memoization and virtual lists.
- Customized Ant Design components, aligning UI with corporate branding and enhancing UX.

Full-stack Developer   April 2019 – May 2020
[Sibdev](#)   *Krasnoyarsk, Russia*

- Refactored a large-scale UI, improving responsiveness and cross-browser compatibility.
- Developed interactive D3.js charts for real-time data visualization.
- Optimized backend processes, reducing computation time by 45% by implementing Node.js workers.
- Integrated Python-based binary data analysis, enabling deep insights for engineers.
- Migrated storage from HDD to MongoDB GridFS, improving data retrieval speeds by 30%.

Education

[Siberian Federal University](#)   Krasnoyarsk, RU
Specialist in Computer Science   *Sep 2005 - Sep 2010*

Languages: Russian – Native, English – B2 – (IELTS 6.5)

Certifications:
- The Modern React" (2019)
- JS Algorithms and Data Structures (2020)
- M001: MongoDB Basics (2020)
- M320: Data Modeling (2020)
- RxJS Basic (2020)
- RxJS Masterclass (2020)
- M220JS: MongoDB for JS Developers (2021)
- Microfrontends with React (2024)
- Microfrontends with Module Federation (2025)
- ChatGPT & Midjourney (2025)
- Custom GPTs and Actions (2025)

Skills

- Markup & Styles: HTML, CSS, SASS, Tailwind, MaterialUI, Ant Design, Styled Components;
- JavaScript & Frameworks: ES6-ES2024, TypeScript, React, Next.js, RxJS, Redux, Mobx;
- Backend & APIs: Node.js, Express, MongoDB, MySQL, GraphQL;
- Development Tools: Webpack, Rollup, Vite, Babel, ESLint, Prettier;
- Testing & QA: Jest, Mocha, Cypress, Storybook;
- Performance Optimization: Lazy Loading, Code Splitting, SSR, SSG, Web Workers
- Science: Algorithms & Data Structures, Design Patterns, Data Modeling Patterns;
- Communications: WebRTC, WebSockets, Socket.io;
- Blockchain: Solidity, Web3, Truffle, Ganache;
- Other: D3, GSAP, Git, Docker, Nginx, Microservices, Module Federation, AWS;

- Soft Skills: Leadership, Communication, Problem-solving, Team Collaborator