Egor Shumanskii

[shum.dev](https://shum.dev/) | [egor@sum.dev](mailto:egor@sum.dev) | [linkedin.com/in/shum-dev](https://www.linkedin.com/in/shum-dev/) | [github.com/shum-dev](https://github.com/shum-dev)

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 Tech Lead**

[*AB Handshake Corporation*](https://abhandshake.com/)

March 2023 – Present

*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**

[*Datarockets*](https://datarockets.com/)

May 2022 – March 2023

*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**

[*EPAM*](https://www.epam.com/)

October 2021 – May 2022

*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**

[*Sovcombank*](https://sovcombank.ru/)

March 2021 – October 2021

*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**

[Krastsvetmet](https://www.krastsvetmet.ru/)

May 2020 – February 2021

*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**

[Sibdev](https://sibdev.pro/)

April 2019 – May 2020

*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](https://www.sfu-kras.ru/en)

*Specialist in Computer Science*

Krasnoyarsk, RU

*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