

# Max Tropnikov

# Frontend Developer

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## SUMMARY

- Frontend Developer with 3 years of experience in building React web applications in the financial industry.
- Proficient in JavaScript, TypeScript, React, Next.js, Redux (Redux Toolkit, RTK Query).
- Experienced in developing UI component libraries, enhancing UI development workflows, and building high-performance applications.
- Seeking a remote position. English proficiency: C1.

## SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS
- **Frameworks/Libraries:** React, Next.js, Redux, Redux Toolkit, RTK Query
- **UI Libraries:** Material UI, Tailwind, Ant Design, Emotion
- **Tools:** Git, Vite, Storybook, Astro, Docker, SASS/SCSS, LESS
- **Concepts:** Performance Optimization, Problem Solving, Responsive/Adaptive Web Design, SPA, PWA, RESTful, Backend-Driven UI, Scrum

## EXPERIENCE

- **BCS Financial Group, [bcs.ru](https://bcs.ru)** Remote  
*Frontend Developer* Mar 2022 – present
  - Developed a UI component library using React, Material UI, and Storybook, reducing UI development time by 30% and ensuring consistent design across 5 projects
  - Migrated the codebase to RTK Query and implemented customized OpenAPI-based API client generation, resulting in a 50% improvement in API integration efficiency and development speed
  - Improved page load speed by 20% (reducing load time by 300 ms) through a 31% bundle size reduction, code-splitting, and dependency optimization
  - Improved technical infrastructure and developer experience – migrated icons to SVG sprites for optimized asset implementation and delivery, integrated automatic linting and code formatting via pre-commit hooks, increased TypeScript adoption and strict type checking across projects
  - Conducted regular code reviews, actively participated in onboarding and mentoring new developers, and promoted the adoption of modern development practices and tooling**Stack:** JavaScript, TypeScript, React, RTK Query, Material UI, CSS-in-JS (Emotion), Storybook, Vite, Vitest, Redux Toolkit, Ant Design, Webpack.
- **R-Style Softlab, [softlab.ru](https://softlab.ru)** Remote  
*Frontend Developer* Oct 2021 – Mar 2022
  - Developed hybrid mobile applications using Ionic and Apache Cordova frameworks.
  - Created a UI component library using Storybook, migrating codebase from AngularJS to Stencil.**Stack:** TypeScript, Angular, Ionic, Cordova, Stencil, Storybook, Jest.
- **Institute of Laser Physics SB RAS (ILP SB RAS)** Novosibirsk, Russia  
*Researcher at Quantum sensors lab* Sep 2015 – Oct 2021
  - Conducted theoretical and experimental research on developing an optical frequency standard based on cold and trapped Mg atoms.
  - Designed and implemented a thermostabilization system with C++ and LabVIEW utilizing ADC-DAC.
  - Developed theoretical models in MATLAB to simulate laser field interactions with cold atoms.
  - Published articles in scientific journals and presented research at international conferences.

## EDUCATION

- **Institute of Laser Physics SB RAS** Novosibirsk, Russia  
*PhD program in Physics, specialty – Optics* 2015 – 2019
- **Novosibirsk State University** Novosibirsk, Russia  
*MSc in Physics, Department of Quantum Optics* 2013 – 2015
- **Novosibirsk State University** Novosibirsk, Russia  
*BSc in Physics, Department of Quantum Optics* 2009 – 2013