

# Max Tropnikov

# Frontend Developer

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## SUMMARY

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- Results-oriented Frontend Developer with 2+ years of experience in building React/Redux web applications in the financial industry.
- Proficient in JavaScript, TypeScript, React, Redux (Toolkit, RTK Query), Git, Storybook, HTML, CSS, LESS, CSS-in-JS, and Material UI.
- Adept at creating design component systems and optimizing project workflows.
- Seeking a remote position. Current location – Novosibirsk, Russia, open to relocation to Europe.

## SKILLS

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- HTML, CSS, SASS/SCSS, LESS
- JavaScript, TypeScript
- React, Redux, Redux Toolkit, RTK Query
- Ant Design, Material UI, CSS-in-JS (styled-components, emotion)
- Git, Vite, Storybook, Docker, Node.js, Express

## EXPERIENCE

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- **BCS Financial Group, [bcs.ru](https://www.bcs.ru)** Remote  
*Frontend Developer* 2022 – present
  - Developing new features and optimizing user interfaces for an investment and trading platform using React-based SPA, addressing technical debt, and streamlining the development backlog.
  - Creating a design component system using Material UI, styled-components, and Storybook, enhancing UI consistency, code reusability, and development efficiency.
  - Successfully migrated the project to utilize RTK Query, integrating code generation based on OpenAPI.
  - Conducting codebase refactoring for enhanced maintainability and scalability. Optimizing performance of desktop, mobile, PWA, and webview versions to improve load times and overall responsiveness.**Stack:** JavaScript, TypeScript, React, Redux, Redux Toolkit, RTK Query, LESS, Ant Design, Material UI, CSS-in-JS (styled-components, emotion), Storybook, Lightweight Charts, Lerna, Webpack, Vite.
- **R-Style Softlab, [softlab.ru](https://www.softlab.ru)** Remote  
*Frontend Developer* 2021 – 2022
  - Developed hybrid mobile applications using Ionic and Apache Cordova frameworks.
  - Created design components library with Storybook, migrating codebase from AngularJS to Stencil.**Stack:** TypeScript, Angular, Ionic, Cordova, Stencil.js, Storybook, Jest.
- **Institute of Laser Physics SB RAS (ILP SB RAS)** Novosibirsk, Russia  
*Researcher at Quantum sensors lab* 2013 – 2021
  - Conducted theoretical and experimental research on developing an optical frequency standard based on cold and trapped Mg atoms.
  - Designed and engineered a thermostabilization system with C++ and LabVIEW utilizing ADC-DAC, and developed theoretical models in MatLab of laser fields interacting with cold atoms.
  - Wrote articles for scientific journals, delivered presentations at international conferences.

## EDUCATION

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- **Institute of Laser Physics SB RAS** Novosibirsk, Russia  
*PhD program, 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

## COURSES

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- **Hexlet.io** 2022  
*Frontend Developer*
- **Yandex.Practicum** 2021  
*Web Development*