

Max Tropnikov

Frontend Developer

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- Detail-oriented front-end developer with 2 years of experience building web apps in the financial industry.
- Previously – researcher in Physics. I created tools for use in the lab with C++, MatLab, and LabVIEW.
- My tech stack: JavaScript, TypeScript, React, Redux (RTK, RTK Query), Webpack, Vite.
- Seeking a remote position in a product company where I can leverage my skills and experience.
- My hobbies are digital and analog photography, and sports: cycling, running, and swimming.

Skills

- HTML, CSS, SASS/SCSS, LESS, Ant Design, MUI, MJML
- JavaScript, TypeScript, React, Redux, RTK, RTK Query
- Node.js, Express, Webpack, Vite, Gulp, Nginx, Docker, Git

Experience

- Mar 2022 – **Frontend Developer**, [BCS Financial Group](#), remote
Present Working on an investment and trading platform for individuals. Developing new features for the React-based single-page application (SPA), addressing technical debt, and reducing backlog:
- Implementing various features such as card payment, password change and restore, search and filtering, authorization form rebuild, etc.
 - Adapting products designs for partners.
 - Developing and supporting desktop, mobile, and webview versions of the platform.
 - Building emails using the MJML markup language.
 - Creating a design component system using MUI, Styled Components and Storybook.
- Stack:** JS, TS, React, Redux, Ant Design, MUI, Styled Components, Storybook, MJML, Vite.
- Dec 2021 – **Frontend Developer**, [R-Style Softlab](#), remote
Mar 2022 Development of hybrid mobile applications using Ionic and Apache Cordova frameworks. Migrating old codebase from AngularJS to Stencil, creating design components with Storybook.
Stack: TypeScript, Angular, Ionic, Cordova, Stencil, Storybook, Jest.
- 2013 – 2021 **Researcher at Quantum sensors lab.**, [Institute of Laser Physics SB RAS \(ILP SB RAS\)](#)
Theoretical and experimental research in the fields of quantum optics and atomic standards, more precisely – on the development of an optical frequency standard based on Mg atoms.
- I developed a thermostabilization system based on LabVIEW utilizing ADC-DAC and C++, and theoretically modeled laser fields interacting with cooled atoms in MatLab.
 - Assisted in writing articles for scientific journals, and gave talks at international conferences.

Education

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

Courses and certificates

Web Developer Course, *Yandex.Practicum*, 2021, HTML, CSS, BEM, JavaScript, OOP, React, React Router, Webpack, Node.js, Express, MongoDB, Nginx, pm2. [Certificate](#)

Languages

Russian Native
English C1
French A1