

Maksim Tropnikov

Frontend Developer

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About me

- Detail-oriented frontend developer with one year's experience building web apps in the financial industry.
- Previously working as a researcher in Physics, I created several tools for using in the lab, which included developing in C++, MatLab and LabVIEW.
- My tech stack: React, JavaScript, TypeScript, Redux (+ Redux Toolkit, Redux Saga), Webpack, Vite.
- Currently deepen my knowledge in React ecosystem and study algorithms. You can view my code samples, study projects and test assignments on my [github](#).
- Have experience of public speaking at international conferences. Fond of photography, love dogs.

Skills

- HTML, CSS, SASS/SCSS, LESS, Ant Design, MUI, MJML
- JavaScript, TypeScript, React, Redux, Redux Toolkit
- Node.js, Express, MongoDB, Webpack, Vite, Gulp, Nginx, Docker
- Git, GitHub Flow, Scrum

Experience

- Mar 2022 – **Frontend Developer**, [BCS](#), remote
Present Working on fintech project [Fins.money](#) – an investment and trading platform for individuals. Developing new features of React with Redux -based SPA, clearing technical debt and reducing backlog:
- Implemented new features: card payment, password change and restore, filtering, etc.
 - Cleared most of the bug backlog.
 - Adapted product's design for partners.
 - Development and support of desktop, mobile and webview versions.
 - Built emails with MJML markup language.
- Stack:** HTML, CSS (LESS), JavaScript, TypeScript, React, Redux (dvajs), Lerna, Ant Design, Material UI, Git, Scrum, MJML, Webpack, Vite.
- Dec 2021 – **Junior 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, GitHub Flow, 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 and using ADC-DAC and theoretically modeled laser fields interacting with cooled atoms in MatLab.
 - Assisted in writing articles for scientific journals, gave talks at international conferences.

Education

- 2015 – 2019 **Graduate work at the PhD level 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

Frontend track, [Hexlet](#), 2022, [Profile](#)

Web Developer Course, [Yandex.Practicum](#), 2021-2022, HTML, CSS, BEM, JavaScript, OOP, React, React Router, Webpack, Node.js, Express, MongoDB, Nginx, pm2. [Certificate](#)

Interfaces Development: Layout and JavaScript Specialization, [Coursera](#), MIPT, Yandex and E-Learning Development Fund, 2021, course 1 of 5. [Certificate](#)

Languages

Russian Native
English C1
French A2

Extra info

Interests Digital and analog photography, piano, sport: cycling, running and swimming.

Winner at the 55th International Scientific Student Conference «MNSK 2017» in *Photonics and quantum optical technologies* section. Winner (2018) and third winner (2019) of the ILP SB RAS young students conference contest.

Published several papers with co-authors during my scientific career – on Physics, for now.