

Maksim Tropnikov

Frontend Developer

Phuket, Thailand
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- Detail-oriented front-end developer with 1.5+ years of experience building web apps in the financial industry.
- Previously working as a researcher in Physics, I created several tools for use 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 of React ecosystem and studying algorithms.
- 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, Redux Toolkit
- Node.js, Express, Webpack, Vite, Gulp, Nginx, Docker, Git

Experience

Mar 2022 – **Frontend Developer**, [BCS](#), remote

Present Working on fintech project [Fins.money](#) – 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: JavaScript, TypeScript, React, Redux, Lerna, 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 **Graduate work at the Ph.D. 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

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

Languages

Russian Native
English B2
French A1