Max Tropnikov   Frontend Engineer

linkedin.com/in/maksim-tropnikov | github.com/tropnikov | t.me/tropnikov | max@tropnikov.dev

SUMMARY

- Results-oriented Frontend Engineer with 3 years of experience in building React+Redux web applications in the financial industry.
- Proficient in JavaScript, TypeScript, React, Next.js, Redux (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

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

EXPERIENCE

- **BCS Financial Group, 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** — 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 — *2015 – 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

- **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*

CERTIFICATES

- **Hexlet.io**
  Frontend Developer — *2022*

- **Yandex.Practicum**
  Web Development — *2021*