mikhail.makarov@phystech.edu

LinkedIn

GitHub

ABOUT

Frontend developer with 5 years of commercial experience, working in teams ranging from 2 to 20 members, both remotely and on-site. Built from scratch SPA and SSR web applications by gathering product owner requirements, developing REST API schemas, and integrating unit testing. Expert in UI implementation, with hands-on experience in building custom UI component systems and enhancing page loading speed.

Passionate about the evolution of progressive web applications and browser hardware features.

SKILLS

Frontend: JavaScript, HTML, CSS, SCSS, TypeScript, React.js, Vue.js, Next.js, Git, Redux, Vuex, REST API, Material UI, React hook form, debugging, responsive design, pinia, router, Bootstrap, element-plus.js, SPA, PWA, SSR, MVC.

Other: Cypress, Jest, unit testing, end to end testing, Node.js, Express.js.

EXPERIENCE

JSC FLAT: 01/2022 - PRESENT, 3+ YEARS

- Developed an SPA which had 100 RPS for the admin panel of the Tretyakov Art Gallery
- Participated in rewriting 3 legacy B2B projects with 10k lines of code
- Set up unit testing and achieved 98% code coverage of UI libraries, significantly reducing bugs
- Mentored 2 junior developers in front end technologies, improving team skills
- Engineered a new RESTful API scheme and carried out migration, resulting in **1.5 times faster** development for both frontend and backend teams

Technologies: TypeScript, HTML, CSS, SCSS, React.js, Redux, Next.js, Vue.js, pinia, Jest

METRO AG: 03/2020 - 01/2022, 1.9 YEARS

- Implemented seamless locale switching for 3 languages
- Set up a CI/CD pipeline in collaboration with QA team, reducing deployment time by 50%
- Resolved multiple critical and minor bugs, reducing application downtime by 20%
- Enhanced user forms with custom validations, increasing form submission rates by **15%** and reducing incomplete submissions

Technologies: JavaScript, HTML, CSS, SCSS, Vue.js, Vuex, Jenkins, git

IMT RAS: 09/2016 – 02/2020

EDUCATION

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY — MASTER, 2014 – 2016

Applied Mathematics and Physics

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY — BACHELOR, 2010 – 2014

Applied Mathematics and Physics

CAMBRIDGE UNIVERSITY PRESS & ASSESSMENT — First Certificate in English, 2023

English B2