Oleksii Kozyrev

Front-End Engineer

Contact

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Skills

React, TypeScript

Redux

Jest, React Testing Library, Cypress

Docker, WebSockets, Rest API

Git, GitLab CI/CD, GitHub Actions

Module Federation, Vite, PostCSS

AWS/Azure

i18next, Unleash

XState

Communication

Problem solving

Adaptability

Critical Thinking

Education

2011 - 2017

Kerch State Maritime Technological University

Master of Engineering - MEng

Languages

English	C1 - Advanced
Ukrainian	Native
Russian	Native

About me

Front-End (React) Developer with 2+ years of experience building scalable, user-friendly interfaces using React and TypeScript. Currently working as a React Developer, focused on clean code, modern web standards, and delivering measurable outcomes through testing and CI/CD. Looking for a role where I can speed up development cycles and enhance product performance. Previously spent 10 years in marine engineering, which sharpened my adaptability and systematic problem-solving approach.

Experience

[Scalo](#) | IT Outsourcing | **Frontend Developer**

Dec 2023 – May 2025 Remote, Poland (Client: Switzerland)

Tackled a high 23% drop-off rate on the old jQuery medical survey by rebuilding the entire frontend with React & TypeScript, aiming to bring the rate below 12% and modernize the tech stack

Addressed slow updates and collaboration hurdles caused by the monolithic frontend by implementing a Micro-Frontend architecture using Module Federation Vite, allowing teams to release features independently and more quickly

Improved application reliability and caught integration bugs earlier by setting up a full testing suite, including Jest for components, Pact for API contracts, and Cypress for user journey testing

Optimized the survey's loading performance to meet the <3s TTI target on slow 3G connections through code splitting and lazy loading (React.lazy, Vite), making the user experience much smoother

Enhanced accessibility for screen reader users by fixing over 20 linting issues and using correct semantic HTML, achieving WCAG 2.2 compliance

Enabled safe A/B testing between different survey versions using feature flags (Unleash), discovering a layout that increased user completion rates by 7 percentage points

Implemented client-side tracing with OpenTelemetry JS to better diagnose performance issues, helping pinpoint and fix slow GraphQL queries that impacted users

Worked closely with backend developers, medical staff, and legal experts to ensure all frontend features strictly followed Swiss healthcare regulations (MDR, ePDK, GDPR)

[Evercity](#) | Taxonomy Screening Tool | **Frontend Developer**

Feb 2023 – Oct 2023 , Remote, Germany

Created a reusable UI Kit for 5+ internal projects, reduced design inconsistencies and revision discussions by ~18%

Built a discussion system for 100+ cross-company users, accelerated feedback loops from 2 days to just a few hours

Implemented an EU-compliant report generation system, saved ~12 hours/week on manual corrections and checks

Integrated webhook-based EU Taxonomy calculations, maintained 100% compliance with regulation updates, avoiding penalties

Used Webpack and Vite for code splitting and lazy loading, cut initial load time from ~4s to ~2s, improving first meaningful render

Leveraged basic AWS (S3 + CloudFront) for hosting and monitoring front-end applications, reduced downtime nearly to zero thanks to a fault-tolerant environment.

Developed analytical dashboards for performance metrics, shortened issue resolution time from ~1 day to just a few hours