



Oleksii Kozyrev

Front-End Engineer

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

DELAB SCIENTIFIC Sdn Bhd | Frontend Engineer

Dec 2023 – Feb 2025 Remote, Malaysia

Developed a real-time monitoring dashboard for 50+ electrical protection devices, reduced fault detection time from ~2 hours to near-instant notifications via WebSockets.

Implemented Redux for complex UI states, lowered data inconsistencies by ~12%, cutting support tickets by ~3–4 per week.

Established unit and integration testing with Jest/React Testing Library, decreased regression bugs by ~15%, saving ~5 hours per release cycle.

Optimized UI rendering for large datasets

cut critical page load time from ~5s to ~2s, boosting user engagement.

Set up GitLab CI pipelines for automated builds and deployments, reduced release wait time from ~3 hours to ~1 hour.

Introduced a Docker-based staging environment, eliminated the “works on my machine” issue and cut environment setup from 2 hours to 20 minutes.

Collaborated with backend teams to streamline API integrations, ensured seamless data transmission with <1s latency.

Evercity | Taxonomy Screening Tool | Frontend Engineer

Feb 2023 – Oct 2023, Remote, Germany

Created a reusable UI Kit for 5+ internal projects, reduced design inconsistencies and revision discussions by ~20%.

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.

Contact

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[Website](#)

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Skills

React, TypeScript

Redux

Jest, React Testing Library

Docker, WebSockets, Rest API

Webpack, Vite

Git, GitLab CI/CD

AWS/Azure

Communication

Problem solving

Adaptability

Critical Thinking

Education

2009 – 2015

Kerch State Maritime

Technological University

Master of Engineering – MEng

Languages

English C1 – Advanced

Ukrainian Native

Russian Native