Oleksii Kozyrev

Front-End Engineer

Contact

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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

Kercens'kij Mors'kij Tehnologicnij Institut

Master Degree of Engineering Marine Power Plant Operator

Languages

English	C1 - Advanced
Ukrainian	Native
Russian	Native

About me

Front-End Developer with an engineering mindset and 2+ years of experience in building scalable, user-friendly interfaces using React and TypeScript. Previously spent 10 years in marine engineering, which honed my problem-solving skills and adaptability. Focused on clean code, modern web standards, and delivering measurable results with robust testing and CI/CD practices.

Experience

DELAB SCIENTIFIC Sdn Bhd | **Frontend Engineer**

Dec 2023 – Feb 2025 Remote, Malaysia

Developed and maintained a real-time monitoring dashboard for 40+ electrical protection devices, improving fault detection speed by ~25%.
Implemented Redux for state management to handle complex UI states and reduce data inconsistencies by ~20%.
Established unit and integration testing with Jest and React Testing Library, reducing regression bugs by ~30%.
Optimized UI rendering for large datasets, cutting page load time by ~25% in critical views.
Set up GitLab CI pipelines for automated builds and deployments, decreasing manual release effort by ~30%.
Collaborated with backend teams to streamline API integrations, ensuring continuous data transmission with minimal latency.
Contributed to UI/UX enhancements, designing adaptive interfaces that lower new-user training time by ~15%.

Evercity | Taxonomy Screening Tool | **Frontend Engineer**

Feb 2023 – Oct 2023 , Remote, Germany

Created a reusable UI Kit used across 5+ internal projects, reducing design inconsistency by ~70%.
Built a discussion system for 100+ cross-company users, speeding up feedback loops by ~50%
Implemented an EU-compliant report generation system, saving ~20 hours/week on manual documentation tasks.
Integrated webhook-based EU Taxonomy calculations, ensuring 100% alignment with regulation updates.
Used Webpack and Vite for efficient bundling and performance optimization (code splitting, lazy loading, memoization), cutting initial load times by ~20%.
Leveraged basic AWS services to host and monitor front-end applications, improving infrastructure stability.
Developed analytical dashboards to visualize performance metrics, enabling data-driven decisions and cutting issue resolution time by ~25%.