Ilya Smiyukha

31 year

Frontend Developer | Team Lead

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Wroclaw, Poland

Links and Credentials

Linkedin   Github

Website   Twitter

Skills

Frontend Core:
JS, TS, Responsive Design, WCAG, React, Next.js,

State Management:
Redux (Thunk, Saga), Redux Toolkit, Context API, React Query

AI & Machine Learning:
LLM Integration, Orchestration, Copilot, Augment, GPT-based tools

Tools & DevOps:
Webpack, Vite, GraphQL, Apollo, WebSockets, WebRTC, HLS

Testing:
Jest, React Testing Library, Playwright, Vitest

Web3 & Blockchain:
 Ethers.js, Wagmi, Polkadot, Smart Contracts integration

Styling:
Tailwind, SCSS, Styled Components, CSS-in-JS

About

Front-end Developer & Team Lead with 10+ years of experience building high-performance web applications and Web3 platforms. Proven expertise in React, TypeScript, and scalable UI architectures. Skilled in leading cross-functional teams, driving performance improvements (40% faster load times), and integrating AI/LLM solutions to enhance user experience. Passionate about bridging modern frontend technologies with blockchain and real-time systems.

Education

2010 - 2015   Computer science and technologies
Master of Computer Science
Zaporozhye National Technical University

Professional Experience

Frontend Developer | Team Lead | Touchcast

Aug 2017 – Present

Touchast.com

- Migrated legacy apps from Angular/jQuery → React, improving scalability & maintainability
- Designed and developed modular, reusable components for integration across projects.
- Implemented WebSockets, HLS livestreaming, and RESTful APIs for real-time applications.
- Optimized website performance, reducing load time by 40%, improving SEO rankings.
- Conducted 100+ code reviews, reducing security vulnerabilities by 30%.
- Improved accessibility & cross-browser compatibility for a seamless user experience.
- Led unit testing (Jest, React Testing Library) to ensure high-quality, bug-free releases.
- Integrated Large Language Models (LLM) to enhance user interaction and automation.
- Led and managed a team of 4 developers, coordinating project timelines and ensuring high-quality code delivery.

Tech Stack: JS, TS, React, Redux, Webpack, Vite, WebRTC, WebSockets, HLS, Tailwind, Jest, LLM

Frontend Developer | Gearbox Protocol

Aug 2023 – Dec 2023 | Part time

gearbox.fi

- Integrated frontend with Ethereum Smart Contracts.
- Developed fast, scalable, and modular UI components using React & TypeScript.
- Improved user experience & performance optimization.

Tech Stack: React, Redux, TypeScript, Ethers.js, Wagmi, Styled Components

Frontend Developer | Joystream DAO

Mar 2023 – Aug 2023 | Part time

pioneerapp.xyz

- Built Web3-based applications integrated with Polkadot ecosystem.
- Developed responsive and interactive UI using React, GraphQL, and Styled Components.
- **Tech Stack**: React, GraphQL, Apollo, Polkadot.js, Storybook, Styled Components

Projects

Frontend Developer | Wonderslab

- Designed and optimized landing pages & web applications.
- Ensured cross-browser compatibility and responsiveness.

Tech Stack: HTML, CSS, JavaScript, jQuery, Angular.js, Webpack

Frontend Developer | Freelance

May 2014 – Aug 2017

- Built and deployed responsive, high-performance websites for various clients.
- Developed custom UI/UX solutions to improve user engagement.