



# Ilya Smiyukha

31 year  
Frontend Developer | Team Lead

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Wroclaw, Poland

## Links and Credentials

[Linkedin](#) [Github](#)  
 [Website](#) [Twitter](#)

## Skills

- **Languages & Frameworks:**  
JavaScript, Type Script, React, Next.js, Redux (Thunk, Saga)
- **Styling:**  
Tailwind, SCSS, Styled Components, CSS-in-JS
- **Testing:**  
Jest, React Testing Library
- **Web3 & Blockchain:**  
Ethers.js, Wagmi, Polkadot, Smart Contracts integration
- **AI & Machine Learning:**  
Large Language Models (LLM), AI-driven UI enhancements
- **Tools & DevOps:**  
Webpack, Vite, GraphQL, Apollo, WebSockets, WebRTC, HLS

## About

Passionate and innovative Front-end Developer with 10+ years of experience in building high-performance, scalable, and user-friendly applications. Expert in React, Type Script, Web3, and real-time applications, with a deep understanding of UI/UX principles, modular architecture, and AI-driven solutions. Adept at optimizing web applications for performance, accessibility, security, and intelligent automation with Large Language Models (LLM)

## 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

[Touchcast.com](#)

- Migrated applications from jQuery & Angular.js to React, improving scalability.
- 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

- [mentorverse.app](#)
- [touchcast.com/showcase](#)
- [touchcast.com](#)
- [cogcache.com](#)
- [pioneer.xyz](#)
- [gearbox.fi](#)
- [gearbox.fi/trading](#)

### ● 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.