

Vadym Melnychenko

Senior Frontend Developer / Frontend Team Lead

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Professional Summary

Senior Frontend Developer / Frontend Team Lead with 8+ years of experience in blockchain, AI, SaaS, and eCommerce projects. Expert in React and Next.js (including SSR, code-splitting, and performance optimization) with proven success in building secure crypto wallets and AI-powered platforms. Led international teams of up to 6 developers and implemented scalable microfrontend architectures. Delivering best user experiences. Seeking a role to drive innovation, enhance performance, and mentor development teams.

Professional Experience

ZEUZ | Senior Full-Stack Developer

Dec 2024 – Jun 2025

- Sole Developer on the Project
- Developed a fully functional [crypto trading platform](#) that enables users to trade, create multiple accounts, and execute both cross and isolated trades with detailed margin account statistics.
- Integrated Web3 wallets (e.g., MetaMask, Trust Wallet) to allow secure and private trading, distinguishing the platform from traditional exchanges.
- Focused on creating an intuitive, user-tested UX that facilitates seamless trading and provides a competitive edge in the crypto market.

Optimism Foundation | Senior Frontend Developer

Jul 2024 – Nov 2024 (5 months)

Worked on a high-profile blockchain project (details under NDA) focused on secure crypto wallet interfaces and decentralized finance solutions.

- Collaborated with backend and security teams to implement advanced encryption, decentralized authentication, and token integration mechanisms for crypto transactions.
- Optimized UI components for scalability and speed, significantly enhancing the user experience in a crypto environment.

Prof-IT Blockchain | Frontend Team Lead

Jan 2023 – Jul 2024 (1 year 7 months)

- Led a team of 6 developers to build a secure crypto wallet with zero security breaches by leveraging Next.js performance optimization techniques—improving page load times by 25% and enhancing overall system reliability.
- Managed the development of Chrome extensions, enhancing blockchain integration and significantly increasing user adoption.
- Established code review processes and conducted weekly knowledge-sharing sessions, leading to improved code quality.

Patex | Full-Stack Web3 Developer

Jan 2023 – Mar 2024 (1 year 3 months)

- Sole Developer on the Project
- Created reusable components, improving platform accessibility and enhancing user retention.
- Implemented a comprehensive testing suite using Jest and Cypress, significantly increasing code coverage.
- Launched multiple new features, contributing to notable revenue growth.

Coinbase | Senior React Developer

Mar 2022 – Jan 2023 (11 months)

- Collaborated with cross-functional teams to integrate advanced analytics and real-time data visualizations, streamlining internal monitoring processes and reducing response times by 20%, which reinforced the platform's security and operational efficiency.
- Optimized state management with Redux, reducing load times and enhancing performance.
- Built content management tools, reducing administrative workload and allowing staff to focus on strategic initiatives.

Nimbus Platform | Middle Frontend Developer

Feb 2021 – Mar 2022 (1 year 2 months)

- Wrote unit tests and refactored components, improving application performance and reliability.
- Collaborated with international teams across Europe and North America to deliver optimized GraphQL APIs in a Next.js environment, reducing data fetch times by 30% and significantly improving overall user experience and time-to-first-byte.
- Enhanced team documentation practices, streamlining the onboarding process for new team members.

INC4 | Frontend Developer

Jan 2017 – Jan 2021 (4 years 1 month)

- Led blockchain application development for Ambrosus, contributing to successful ICOs and platform launches.
- Built responsive landing pages, increasing user engagement and conversion rates.
- Modernized React applications, reducing technical debt and improving maintainability.
- Provided technical leadership and mentorship to junior and mid-level developers through structured code reviews and weekly knowledge-sharing sessions, reducing onboarding time by 40% and significantly enhancing overall team productivity.

Education

Master's degree in Computer System Analyst , National University of Life and Environmental Sciences of Ukraine, 2012 - 2018

Relevant coursework: Software Engineering, Data Structures, Algorithms, Database Systems

Technical Skills

- **Frontend:** React, Next.js (SSR, Code Splitting, Lazy Loading), Redux Toolkit, MobX, Recoil , Zustand, Gatsby.js, AJAX, WebSockets, Microfrontends, TypeScript, Webpack, HTML, React Query, Tanstack, GraphQL (Apollo Client), BEM, ES6, OOP, RxJS, Performance Optimization (Lighthouse, Web Vitals) Angular, NgRx
- **Blockchain:** Ethers.js, Web3.js, Hardhat, WAGMI
- **Styling:** CSS3, SCSS, Bootstrap, Material-UI, ChakraUI, Tailwind, styled-components, PostCSS, NextUI, CSS modules, Sass, Radix, ShatsUI
- **Testing & CI/CD:** Jest, React Testing Library, Mocha, Cypress, Vitest, Storybook; experience setting up CI/CD pipelines (GitLab CI / GitHub Actions)
- **Backend & Tools:** MongoDB, PostgreSQL, Docker, Oracle Database, MySQL, REST, Java
- **Data Visualization:** Recharts, D3.js, Chart.js

Additional Technical Skills

- **Mobile Development:** React Native, Flutter (basic)
- **Frontend Architecture:** Nx, Monorepo, Vite, Atomic Design
- **API Integration:** GraphQL (Apollo, React Query), gRPC
- **Security:** OAuth2, JWT, frontend security best practices
- **Mapping & GIS:** Mapbox, Leaflet, GeoJSON
- **CI/CD & DevOps:** GitHub Actions, GitLab CI, Docker, Kubernetes
- **Backend (basic):** Node.js, Nest.js, Express.js
- **Performance:** Web Vitals, Lighthouse, CDN caching, memoization
- **Others:** Agile, Scrum, Kanban, SaaS Development, System Performance, Data Structures, Algorithms, Design Patterns, GitHub, Git, Jira, Figma, Adobe XD, CI/CD, SEO Optimization

Soft Skills

- Leadership & Mentorship
- Ownership & Responsibility
- Effective Communication & Collaboration
- Proactivity & Initiative
- Problem-solving & Decision-making Fast
- Learner & Continuous Improvement

Key Achievements

- **Component Libraries:** Developed and maintained reusable component libraries and design systems using tools like Storybook and Figma, increasing development efficiency by **approximately 30%** and ensuring consistent UI/UX across multiple products.
- **Blockchain Security:** Developed crypto wallets with zero security breaches, enhancing user trust and platform credibility.
- **React Migration:** Updated legacy React applications to modern versions, reducing maintenance costs and technical debt.
- **AI Chatbot Development:** Built an AI-powered chatbot, reducing customer support response times and improving user satisfaction.
- **Data Visualization:** Crafted complex visualizations with D3.js, enabling better data-driven decision-making.
- **Microfrontend Implementation:** Enabled independent scaling of services using microfrontends, resulting in more efficient deployments.

Certifications

- **Advanced React Patterns** – Udemy, Completed: May 2023
- **React Server-Side Rendering with AWS Serverless** – Udemy, Completed: March 2023
- **React and Next.js Fundamentals** – Udemy, Completed: January 2023
- **Mastering TypeScript with Modern React** – Udemy, Completed: November 2022
- **Redux with React** – Udemy, Completed: July 2022
- **Advanced GraphQL with Apollo and React** – Udemy, Completed: May 2022

- **CI/CD Pipelines:** Established automated deployment pipelines, accelerating release cycles and improving deployment reliability.
- **Developed and maintained** web applications using React, TypeScript, and HTML/CSS for various clients.
- **Collaborated** with international remote teams on enterprise CMS and finance applications, consistently meeting tight deadlines.
- **Improved** project delivery timelines through the implementation of unit testing, TDD, and CI/CD processes.
- **Advanced Security Measures:** Integrated robust security protocols, including OAuth2, JWT, and data encryption, to enhance data protection and increase user trust.

Testimonials

"Vadym is a talented developer who consistently delivered high-quality solutions while leading the team. His knowledge of React and Next.js is unparalleled."

— Dmytro Nyzkoshapka, CTO at Prof-IT Blockchain

"Working with Vadym on Patex Ecosystem projects was a pleasure. His contributions were invaluable, and his ability to think outside the box led to effective solutions in challenging situations. His passion for development assures me of his bright future in software development."

— Illia Morhachov, IT Project Manager

"I highly recommend Vadym for any frontend role. His work ethic and commitment to excellence are exemplary. Vadym is incredibly productive and can find creative solutions quickly. He's reliable, especially under tight deadlines."

— Kratos D., Senior Project Manager

Future Goals

- **Next.js & GraphQL Mastery:** Expand expertise in server-side rendering optimizations and advanced GraphQL integrations (e.g., Apollo Client).
- **Full-Stack Enhancement:** Deepen full-stack capabilities with Node.js and Nest.js to deliver end-to-end solutions.
- **Performance & CI/CD Focus:** Explore advanced performance monitoring (Lighthouse, Web Vitals) and further optimize CI/CD pipelines (GitLab CI/GitHub Actions).
- **Mentorship & Knowledge Sharing:** Develop an online course and technical blog to mentor emerging developers and share best practices.
- **Strategic Leadership:** Grow leadership skills to manage larger teams and drive strategic, innovative product development.

Languages

- **Ukrainian:** Native
- **Russian:** Fluent
- **English:** Upper Intermediate (B2)
- **Italian:** Conversational (B1)