

ILLIA ILLIASHENKO

Senior Software Engineer

Warsaw. Poland

Email: ilyashenko75@gmail.com; LinkedIn: [linkedin.com/in/theredx](https://www.linkedin.com/in/theredx)

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 6+ years of experience developing scalable React/TypeScript ecosystems. Expert in driving full-cycle feature development from idea to production, designing front-end architecture, and consulting stakeholders on UI/UX decisions based on business and technical requirements.

SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3 (SCSS, CSS-in-JS), Golang (Basic).

Frontend Core: React, Next.js, Redux, MobX, React Query, Relay, Apollo GraphQL, Context API, Tailwind, Material UI.

Backend & DB: Node.js, NestJS, Express, Koa, PostgreSQL.

Testing: Jest, Cypress, Playwright, React Testing Library, Axe-core.

DevOps & Tools: AWS, Docker, Git, Webpack, Parcel, GitHub Actions, Jenkins, Bitbucket Pipelines, Sonar.

EXPERIENCE

SoftServe - Senior Software Engineer

Nov 2021 - Present

Project: AI-powered analytics tool

- Consulted stakeholders on UI/UX decisions and defined optimal interface solutions based on business and technical constraints.
- Owned the full feature development lifecycle from idea to implementation and production delivery.
- Improved front-end application architecture with a focus on scalability, performance, and maintainability.
- Implemented a seamless UI redesign with the ability to switch between legacy and new interfaces.
- Collaborated closely with product managers, designers, and backend engineers to align technical solutions with business requirements.
- Ensured high code quality through code reviews, testing, and adherence to best engineering practices.

Project: Employee onboarding app

- Managed deployments of new releases, coordinating feature updates and critical fixes.
- Designed and implemented a scalable frontend architecture from scratch, ensuring maintainability, extensibility, and performance.
- Improved web app accessibility, increased Lighthouse accessibility score from 75 to 98, and integrated Axe accessibility checker into CI/CD and Unit tests.
- Optimized build time by upgrading Yarn from v1 to v4, reducing build time from 20 minutes to 4 minutes, and optimized bundle size by 20%, improving app performance and loading speed.
- Set up a robust testing infrastructure using Jest and Cypress, achieving 92.5% code coverage and ensuring high code reliability and stability.
- Collaborated closely with engineers to optimize system integration and ensure seamless frontend-backend communication.
- Ensured compliance with Atlassian's standards for accessibility, performance, data privacy, and automated testing.

Project: Web app for signing documents

- Refactored a multi-step wizard flow, optimizing performance by managing state with Redux and local storage, significantly reducing backend load and enhancing user experience.
- Mentored new developers during onboarding, providing guidance on architecture, workflows, and solving complex development challenges.
- Implemented secure user authentication via Okta, integrating centralized login functionality across the web application.
- Maintained comprehensive documentation of development work, facilitating knowledge sharing among team members.

Project: Management system

- Enhanced software functionality by identifying and resolving complex technical issues.
- Delivered unit-tested systems within customer-prescribed timeframes.
- Enhanced user experience by implementing responsive web designs and optimizing performance.
- Implemented reliable communication with external services to aggregate and synchronize data, ensuring consistency and accuracy across the application.
- Built a low-latency GraphQL API (under 200ms) to enable the front-end to quickly access external data, improving user experience and system responsiveness.

NIX - Software Engineer

Mar 2020 - Oct 2021

Project: Document editor app

- Analyzed proposed technical solutions based on customer requirements.
- Developed scalable and maintainable code, ensuring long-term stability of the software.
- Refactored legacy codebases for improved maintainability, paving the way for easier future updates.
- Significantly improved document saving performance by 5x by implementing a partial save approach, reducing save times and enhancing user experience.
- Consistently met project deadlines by effectively managing time and prioritizing tasks.
- Developed reusable components that significantly reduced development effort on multiple projects.

Freelance

Oct 2019 - Mar 2020

- Developed custom web applications, resulting in tailored solutions for client.
- Implemented trello-like dashboard with drag & drop feature and state management.
- Worked with complex business logic, delivered stable releases.
- Maintained deployment process and stable dev and production environments.

EDUCATION**Kharkiv National University of Radioelectronics**

May 2021

Bachelor of Science - Software Engineering