

# ILLIA ILLIASHENKO

Senior Software Engineer

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## PROFESSIONAL SUMMARY

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I am a software development professional with 5+ years of experience. During this time, I have worked on projects of various scales and complexities, specializing in TypeScript and JavaScript. My main expertise is developing applications with React and building front-end application architecture. In my recent projects, I have been instrumental in improving application architecture and developing key front-end features.

## SKILLS

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TypeScript, JavaScript, React, Node.js, Next, Redux, MobX, Context, Nest, SQL, Postgres, Git, CSS in JS, SCSS, Material UI, GitHub Actions, AWS, Bitbucket pipelines, Jest, Cypress.

## EXPERIENCE

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### SoftServe - Senior Software Engineer

Nov 2021 - Current

#### Project: Atlassian - Employee onboarding app

- 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.

#### Project: LinkSquares - Finalize product

- Refactored a complex wizard flow, reducing backend load by storing all steps in Redux state and local storage, improving performance and user experience.
- Implemented authentication using Okta, integrating secure user login across the web application.
- Maintained comprehensive documentation of development work, facilitating knowledge sharing among team members.

#### Project: Rotary International - Management system

- 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.
- Enhanced user experience by implementing responsive web designs and optimizing performance.

### NIX - Software Engineer

Mar 2020 - Oct 2021

#### Project: Elsevier - Document editor app

- 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.
- Refactored legacy codebases for improved maintainability, paving the way for easier future updates.

## EDUCATION

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### Kharkiv National University of Radioelectronics

Bachelor of Science - Software Engineering