Serhii Shramko

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Senior Software Engineer with **over 5 years experience**, focusing on front-end development with a specialty in **React** and **Next.js**. Proficient in mentoring developers and enhancing web app performance.

Professional Experience

MacPaw, Senior Software Engineer ⧉   Oct 2021 – present | Boston, USA

MacPaw is a leading software development company known for creating popular macOS applications like CleanMyMac and Setapp.

- Mentored junior developers and interns through pair programming, code reviews, and technical workshops, **guiding a team with two developers**.
- Achieving a **30% improvement in Web Vitals** by rewriting the website using Next.js and implementing SSG ⧉ rendering.
- Refactored imgix ⧉ code in PHP, optimizing image handling and decreasing image size by 2-6 times.
- Elevated team's front-end development skills by delivering presentations on best practices, creating a shared knowledge base, and implementing team workshops.

Phase One Karma, Software Engineer ⧉   Nov 2020 – Oct 2021 | Kyiv, Ukraine

Phase One Karma is an AI-focused tech company that develops innovative solutions like Unicheck ⧉ .

- Optimized application performance by **reducing JS bundle size by 60 KB** by diagnosing and fixing a Webpack configuration bug, implementing code splitting, and optimizing asset loading.
- **Developed from scratch** a user dashboard using Next.js, TypeScript, and Storybook, enhancing user experience, interface responsiveness, and cross-browser compatibility.
- Boosted website performance to the 95th percentile of Web Vitals, resulting in a **15% reduction in page load time** by migrating an old WordPress website to Gatsby ⧉ and implementing static site generation (SSR).
- Optimized CSS/SCSS workflow, reducing code review time through implementing team guidelines, BEM methodology, and automated linting.

PDFfiller, Front-End Engineer ⧉   Apr 2019 – Nov 2020 | Kyiv, Ukraine

PDFfiller is a leading online document management platform that provides tools for editing, signing, and sharing PDF documents, streamlining paperwork processes for businesses and individuals worldwide.

- Improved internal UI framework by implementing shared classes and reusable components, **reducing the CSS bundle size by 5%**.
- Modernized codebase, reducing development time by refactoring Pug/Jade ⧉ components to React, implementing reusable UI components, and a component-based architecture.
- **Increased website accessibility** by achieving WCAG ⧉ - AA level compliance by implementing semantic HTML, adding ARIA landmarks, and enhancing keyboard navigation.
- Was **promoted** from UI Engineer to Frontend Engineer after showing proficiency in React and JavaScript, leading to more complex project assignments.

Hexa LLC, Front-End Engineer ⧉   Dec 2018 – Apr 2019 | Kyiv, Ukriane

- Transitioned manual email creation to the Foundation framework ⧉ , reducing creation time.
- Developed and maintained different websites in collaboration with the backend and design team.

Skills

JavaScript, TypeScript, React, Next.js, HTML, CSS, Tailwind, Technical Leadership, Accessibility, Mobile First, Web Performance, Responsive Markup, Redux, Git, REST, Jest, Storybook, Webpack, Node.js, Nest.js, SQL, Agile/Scrum Methodologies, Figma

Education

Master Degree, University of Technology ⧉
Electromechanical Systems of Automation and Electric Drive

Languages

English • Ukrainian • Russian