

Serhii Shramko

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• Open to Relocation • Fully Work Authorized • No Visa Sponsorship Required

Experienced Frontend Engineer with **6+ years** leading high-impact teams to deliver scalable solutions. Proven track record in optimizing **performance**, driving **revenue growth**, and aligning technical execution with **business goals**. Passionate about customer-centric innovation and **ownership**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, SASS/SCSS, PostgreSQL, Python, C++, C

Frameworks: React, Next.js, Node.js, Express.js, Nest.js, Astro, Flask

Libraries: Redux, MobX, Jest, Enzyme, GraphQL, Tailwind, React Testing Library

Developer Tools: Git, AWS, Vercel, Webpack, Vite, Docker, Sentry, Elastic, Azure

EXPERIENCE

Senior Software Engineer

Nov 2021 – Dec 2024

MacPaw, Inc

Cambridge, MA

- Spearheaded architecture design and delivery of a **Next.js**, **MobX** blog platform as technical lead, **scaling to 2.8M** users by optimizing **SSR** and state management
- Improved website **performance to 93th percentile** Lighthouse score by migrating legacy Laravel project to React, Redux, and Tailwind, delivering optimized user experience
- Developed the User Cabinet on Vercel with Next.js and REST APIs, onboarding **13,000 users in the first month**, by collaborating with cross-functional teams
- Invented a **CI/CD** pipeline overhaul using **GitHub Actions**, reducing code review time by **8% weekly**
- Built payment gateway integrations using **TypeScript**, **Redux**, and OOP, which streamlined payment processes and reduced transaction errors, enhancing customer satisfaction

Software Engineer

Nov 2020 – Nov 2021

Lawrina

Hicksville, NY

- Increased conversion rates by **11%**, generating an additional **\$42K in revenue**, by implementing server-side **A/B testing** to handle multiple concurrent experiments
- Reduced page load time by **18%** by migrating a WordPress website to Getsby.js, CSS-in-JS, and Redux
- Developed **Microsoft Office** Add-ins using React, TypeScript, and Redux, integrating with Machine Learning back-end to streamline document management and enhance user experience
- Developed reusable **UI component system** serving **4+ internal products** with React and Storybook, reducing development time for new features and ensuring consistent brand experience

Software Engineer

Oct 2018 – Nov 2020

PDFfiller

Kyiv, Ukraine

- **Prevented \$2M** in potential legal issues by accomplishing **WCAG 2.1 AA** compliance, as measured by achieving web accessibility standards, by implementing semantic HTML, ARIA roles, and automated testing with Axe-Core.
- Developed custom SCSS shared solution **reducing stylesheet size by 5%** while improving component reusability across 3 products
- Designed and implemented modular, scalable CSS **architecture** using **BEM** methodology to maintain consistent styles across large React applications
- Collaborated with three teams and **over 40 developers** to implement reusable and shareable UI components, resulting in improved code maintainability

EDUCATION

Master of Science in Electromechanical Automation Systems

Sep 2012 - Jun 2016

Dnipro University of Technology

Ukraine

PROFESSIONAL DEVELOPMENT

- **CS50: Introduction to Computer Science**, Harvard University, Cambridge, 2024
- **Well-Architected Proficient**, AWS, 2025
- **Architecture and Advanced Patterns**, Official NestJS Courses, 2025