Mykhailo Morozov

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Highlights:

- **Senior software engineer with over 7 years of experience** in designing and developing high-quality, well-tested, scalable, and user-friendly projects.
- Team developer on over 10 ground-breaking projects, including completing **the world's first digital asset banking system**.
- Proven track record in leading and mentoring junior team members and driving projects from concept to delivery.

Technical Skills

Languages: JavaScript (ES6), TypeScript, PHP
Front End: React, Vue, Redux, Redux Saga, Redux Toolkit, MobX, Zustand, GraphQL, React Query, Next.js, SASS/LESS, HTML, CSS, WebSocket, Material UI, Tailwind, Bootstrap, jQuery, LaunchDarkly
Back End: Apollo Server, Node.js, Nest.js, Express.js, RESTful API, MongoDB, MySQL, PostgreSQL, Datadog
Cloud platforms: AWS, Azure
Developer Tools: Docker, Linux, GIT, CI/CD, Swagger, Webpack/Vite, Playwright, Jest, React Testing Library, Storybook, Nx

Professional Experience

Senior Software Engineer, [PayPal](#)   Aug 2024 - Present
Advanced Merchant Admin Panel for Global Payment Solutions:

- Identified and resolved GraphQL vulnerabilities in the merchant admin panel, enhancing platform security and ensuring compliance with PayPal's security standards.
- Engineered funds transfer experience of large enterprise merchants which resulted in 7% increase in funnel conversion rate.
- Implemented a module federation approach, enabling seamless sharing of components across teams and fostering a more scalable and maintainable codebase.
- Leveraged A/B testing, analytics, and usability studies to refine the merchant admin panel's user experience, resulting in data-informed design decisions that boosted customer satisfaction and operational efficiency.
- Improved WCAG compliance by addressing critical accessibility issues, ensuring a more inclusive experience for all users.

Tech stack: React, Node.js, Next.js, Kraken.js, GraphQL, Redux, TypeScript, Jest, Testing Library, Cypress, Jenkins, Amplitude

Senior Front-end Engineer, [Pressreader Inc.](#)   Apr 2023 - Aug 2024
Digital platform that's home to premium newspapers and magazines:

- Implemented advanced front-end SEO best practices, resulting in significantly enhancing site visibility and improving search engine rankings.
- Optimized the application's architecture, configuration, and codebase, which successfully reduced the front-end application size by 44% leading to substantially enhanced performance and decreased web application load time.
- Initiated and led the implementation of an end-to-end testing process using Playwright, enhancing overall software quality and reliability; also trained the QA team in writing and maintaining these tests, improving testing efficiency and coverage.
- Simplified and optimized the existing Azure DevOps CI/CD pipelines, achieving a reduction in execution time by around 56%, thereby enhancing deployment efficiency and team productivity.
- Actively participated in design discussions and development of a new e-book reader module.
- Researched and led professional development workshops on new technologies for team members and company employees.

Tech stack: React, Knockout.js, Redux-Saga, TypeScript, Jest, Testing Library, Playwright, Docker, Figma, Linux, Nx, Pnpm

Senior Software Engineer, [Innovecs](#)   Jan 2021 - Jun 2023
Creation of New Logistics Management Software Module:

- Co-designed and implemented component libraries as individual npm packages, resulting in a reduction in development time and leading to greater organizational efficiency performance.
- Developed a GraphQL plugin that automates the generation of typed mock queries, significantly simplifying and accelerating the testing process.
- Worked closely with product managers and stakeholders to better understand A/B tests and feature requirements, translating them into technical specifications; provided engineering insights, and managed task creation and grooming.
- Refactored front-end part, improved logic, increased performance, and prepared code base for growth. Added React fundamentals best practice to promote better component lifecycle and storage.
- Designed and implemented a survey module to conduct pre-shipment evaluations, enhancing decision-making processes and ensuring shipment accuracy.
- Facilitated team engagement in code reviews, troubleshooting, and knowledge sharing to ensure the highest software development quality. Engaged in workshops, and contributed to a company-wide hackathon.

Tech stack: React, TypeScript, GraphQL, Nest.js, Jest, Playwright, Vite, Storybook, Docker, Sentry, Figma, Linux, LaunchDarkly

Software Engineer, S-PRO   Feb 2020 - Jan 2021
Successful Development and Release of the World's First Digital Asset Bank:

- Participated in research tasks. Proposed and implemented new features, including integration of a secure digital wallet for cryptocurrency, which enhanced user capabilities for payment options.
- Leading the transition of the shared codebase to TypeScript, boosting app robustness and scalability.
- Mentored and coached junior developers in React, providing technical guidance and facilitating the growth of their skills and expertise.
- Managed release processes and worked closely with leads and product owners to design and plan features in alignment with business goals.
- Successfully rewrote a cross-platform media player, achieving a 22% reduction in initial load time and enhancing streaming performance.

Tech stack: React, TypeScript, JavaScript, React Query, Zustand, Redux-Saga, Formik, Material UI, Jest, React Testing Library, Node.js, Nest.js, Kafka, MetaMask, Storybook, GitLab CI/CD

Software Engineer, Capptoo   Jun 2017 - Feb 2020
Developed an Original Real-Time Customer Feedback Management Platform:

- Led full-stack implementation and design of the dashboard module using charting libraries such as D3, Chart.js, and Highcharts, effectively presenting complex data in a clear and understandable way, resulting in enhanced user engagement.
- Participated in the technical redesign and migration of custom React configuration to Next.js, streamlining web development processes, and enhancing site performance.
- Collaborated closely with the design team to address and resolve challenging UI/UX issues, ensuring a seamless and intuitive user experience.
- Developed and implemented front-end features using modern technologies and libraries, including React, Redux, and TypeScript, to deliver a seamless user experience.

Tech stack: JavaScript, React, RxJS, Redux, Redux-thunk, Highcharts, Node.js, Express.js, MongoDB, Material UI, Jest, Enzyme, Redis, Websockets, Cypress

Education

Master's degree in Computer Science | Sumy State University
Bachelor's degree in Computer Science | Sumy State University

Certifications

Mindk Dev Camp: Mindk
Software Quality Assurance: Netcracker Technology