

Illia Skaryna

Senior Software Engineer (fintech, data analytics, e-commerce)

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PROFESSIONAL EXPERIENCE

With 6 years of experience as a Senior Software Engineer, I am highly proficient in JavaScript, React, Node.js, Next.js, and Redux. My expertise covers developing scalable front-end systems, implementing complex data structures and algorithms, optimizing application performance, and ensuring necessary security measures.

WORKING EXPERIENCE

Senior Software Engineer, Selecty

May 2024 – Present

- **Project:** personal account for attracting macro- and micro-business partners.
- **Stack:** React.js, CSS-modules, Redux-Toolkit, Zod, Node.js/hapi, Java/Spring Boot/JPA, Marathon+Mesos / Kubernetes, Ansible, Docker, MongoDB, Kibana, JFrog, Nginx.
- **Details:** SPA application. MAU of over 10,000 active users. The product ranks second on the market in the NDA country.
- **Personal Impact:**
 - **key Front-End developer**, have a direct influence on the final appearance of the product, interaction with the designer from the design system and team management, expert opinion;
 - took the initiative and successfully implemented the migration of the Legacy application and its accompanying modules to the **FSD architecture**, which significantly simplified **Time-To-Market** for new functionality, lowered the Bus Factor and the entry threshold for new developers;
 - took the initiative and successfully implemented environment migration (Webpack, Node.js) with improvements to Jenkins CI, Docker, lazy loading and dead code elimination in front-end modules, which made it possible to significantly speed up the Pipeline by **45%** and save time for the development team;
 - worked on improving **Core Web Vitals**, worked on rendering leaks for **Interaction to Next Paint** metrics, which made it possible to implement smooth UX and relieve the main thread of the main application;
 - introduced the practice of **deep application profiling** (React) to search for bottlenecks in the rendering of client modules among front-end developers;
 - fixed **more than 70 critical and high vulnerabilities** (XSS, CSRF, CSP, CORS) in the application ecosystem;
 - management of a front-end team of 3 people;
 - high-quality code review;
 - direct participation in the selection of new employees, onboarding.

Software Engineer, Modsen LLC

April 2022 – May 2024

- **Project:** emergency response system.
- **Stack:** React.js, CSS-modules, Redux, Electron.js, SignalR, Docker, .NET, Asterisk/Kamailio, JsSIP, Python, PostgreSQL, Redis, ELK Stack, Ant-Design, Nexus.
- **Details:** desktop application in Electron.js, which is closed software for internal use (MAU of 200-350 active users).
- **Personal Impact:**
 - implemented functionality for highlighting semantic structures in the applicant's recognized speech (light version), which made it possible to increase the **sales conversion** of the product;
 - took the initiative to modernize the global translation bus (i18n localization) by optimizing Python scripts and this contributed to easy implementation and also simplified the process of initializing the translation tree;
 - developed an algorithm for caching interactive map layers, the functionality of which was implemented by a third-party development team, which caused a reduction in the number of queries in the database **twice** for each system operator.

Software Engineer, NDA

Nov. 2020 – May 2022

- **Project:** e-commerce for real estate sales.
- **Stack:** React.js, CSS, Redux, Next.js, MongoDB.
- **Details:** SSR application on Next.js. MAU is unknown.
- **Personal Impact:**
 - developed functionality for working with complex forms.
 - used the built-in DataCache mechanism to save downloaded images to the Next.js cache instead of CDN, which helped avoid double caching and saved additional cost of CDN maintenance.

Front-End Developer, NDA

Sept. 2019 – October 2020

- **Project:** analytical tool in a table view.
- **Stack:** React.js, CSS, PHP(Symfony), PostgreSQL.
- **Details:** SPA application, which is closed software. MAU is unknown.
- **Personal Impact:**
 - implemented responsive layout;
 - developed functionality for compositional filtering of tables;
 - participated in the development of the Role-Based Access Control functionality for users.

SKILLS

Programming languages: JavaScript/TypeScript (professional expertise), Java/Python (working knowledge).

Technologies: React.js, Node.js, Next.js, ElectronJS, Redux/Redux-Toolkit, FSD architecture, Zustand, React Query, AntDesign, WebSocket/HTTP, CSS/SCSS/CSS-modules, Angular, NgRx, Express.js, GraphQL/Apollo, NestJS, Docker, Jenkins CI.

EDUCATION

Computer Science student (Bachelor), UoPeople
Road construction engineer (Bachelor), BNTU

Feb. 2024 – Present
Sept. 2013 – June 2018

ACCOLADES

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|-------------------------------------------------------------|------|
| ● LeetCode – Top ~0.03% of over 5,000,000 members worldwide | 2024 |
| ● Yandex CodeRun (1 st season) – 41-st place | 2023 |
| ● Tinkoff Solution Cup – finalist | 2023 |