

# Illia Skaryna

Senior Software engineer, who is striving to craft advanced software solutions.

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## PROFESSIONAL SUMMARY

As a Senior Front-End Engineer with almost 5-year experience, I am adept in JavaScript, React, Node.js, Next.js, and Redux. My expertise encompasses developing scalable front-end systems, and implementing complex data structures and algorithms to optimize application performance. I am passionate about coding best practices and eager to contribute to a forward-thinking team.

## WORK EXPERIENCE

### Senior Software Engineer, Modsen LLC

April 2022 – present

- I participate in a product, that is represented as emergency response system. During the process of developing this application I implemented the functionality with effective algorithm to help for recognizing speech from the applicant, that allows to bind semantic parts of the words with specific business requirements. After the feature was delivered successfully to the production, it helped to increase sells of the product.
- I showed the personal initiative to improve an internationalization mechanism (i18n), since an app is developing in other languages. As an outcome, I simplified processes of step-by-step initializing and this mechanism sped up the initialization of an application.
- Moreover, I developed an algorithm to cache and memorize interactive map layers, that have implemented by another developer team. This mechanism helped to avoid extra requests to database per system operator in twice, therefore it reduced costs for database maintaining.

### Software Engineer, NDA

Nov. 2020 – March 2022

- While participating at this project, I implemented a functionality to work with complicated user forms and interactive 360degrees panoramas.
- Since, the app was bootstrapped with Next.js, I participated in a process of improving performance, such as adjusting a caching strategy for Next.js DataCache (saving images to CDN into app instead). It helped to avoid double caching, and therefore provided saving costs for CDN dedication needs.

### Front-End Developer, NDA

Sept. 2019 – October 2020

- I participated in a process of developing responsive table grids, including customizing table view, filtration algorithms and managing multiple permission systems.

## SKILLS

**Programming Languages:** JavaScript/TypeScript (Proficient), Python (Working knowledge), Java (Familiar)

**Technologies:** React.js, Node.js, Next.js, ElectronJS, Redux/Redux-Toolkit, AntDesign, WebSocket/HTTP, StyledComponents, Angular, NgRx, RxJS, Express.js, GraphQL/Apollo, NestJS, Docker.

## EDUCATION

Computer Science student (pursuing Bachelor's degree), UoPeople

Feb. 2024 – present

Bachelor's degree in Engineering, Automobile roads and highways, BNTU

Sept. 2013 – June 2018

## AWARDS AND ACCOLADES

- LeetCode – Top ~0,1% from more than 5,000,000 participants worldwide 2024
- Yandex CodeRun (1<sup>st</sup> season) – 41th place 2023
- Tinkoff Solution Cup – Finalist 2023