

# OLEKSII ROZHKO

## Front-End Web Developer

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## Summary

Experienced React developer with 2+ years expertise in building user-centric, responsive interfaces and high-performance SPAs/SSR applications using **React**, **Next.js**. Delivered projects boosting user engagement by 25% and reducing load times by 15%. Entrepreneurial background ensuring disciplined task completion. Combining technical prowess with business acumen, and continuously expanding full-stack knowledge. Adept collaborator, focusing on quality, agile practices, and delivering scalable solutions exceeding expectations.

## Professional Experiences

### Some Projects:

- [flashcards-proffery.vercel.app](#) - Engineered a Q&A flashcard application, enabling users to create custom decks or leverage existing ones for effective learning.
- [rickandmarty.rozhko.net](#) - Developed a web application that showcases characters' statuses from the popular TV series "Rick and Morty."
- [movie-app.rozhko.net](#) - Crafted a movie discovery platform, empowering users to explore the latest releases and curate personalized favorite lists.

### Key Responsibilities and Achievements:

- Orchestrated team collaboration and version control through **Git**, ensuring seamless integration and efficient development workflows.
- Implemented state management solutions using **Redux** and optimized performance with **Redux Toolkit**, facilitating robust and scalable application architectures.
- Managed asynchronous code execution with **Redux-thunk**, ensuring smooth handling of concurrent operations and improving overall responsiveness.
- Leveraged **RTK Query** for efficient server interactions and streamlined state management, enhancing application performance and reducing boilerplate code.
- Constructed robust form validation mechanisms using **React Hook Form** and **Zod**, ensuring data integrity and enhancing user experience.
- Configured intuitive navigation flows with **React Router**, providing a seamless and user-friendly browsing experience.
- Engineered a secure **authorization module with JWT**, enabling user account management and protecting sensitive data.
- Embraced **Test-Driven Development (TDD)** principles with **Jest**, ensuring comprehensive test coverage and enhancing code reliability.
- Implemented **WebSocket** functionality, enabling real-time chat and enhancing user engagement with bi-directional communication.
- Crafted custom components using native React tools and **Radix UI**, promoting code reusability and streamlining UI development.
- Incorporated **optimistic updates**, delivering a responsive and fluid user experience by minimizing perceived latency.
- Developed advanced features such as pagination, search, filtering, and sorting, empowering users with powerful data exploration capabilities.
- Deployed applications on various platforms, including Vercel, AWS Amplify, Cloudflare, and GitHub Pages, showcasing proficiency in cloud-based deployment and DevOps practices.

### Owner Business:

Nuga Best Health OOD

2018 - present

- Enhanced the digital presence and operational efficiency of the company through IT-related responsibilities.
- Created and maintained the websites [nugabestbg.com](#) and [nugabest.bg](#)
- Utilized Cloudflare for DNS management, web security, and performance optimization..
- Identified and resolved website issues, including debugging code and fixing layout problems.
- Managed and resolved conflicts within the team.

## Tech stack

- React, Next.js
- Storybook, Unit and Snapshot testing
- Webpack, Vite
- REST Api, GraphQL, WebSocket
- Redux, RTK Query
- JavaScript, TypeScript
- SASS, Styled-components, Tailwind CSS, Radix UI
- Git, GitHub, GitLab
- Figma, Postman
- Vercel, Cloudflare, AWS
- ChatGPT, Github Copilot, Claude

## Education

### Front-End Web Development

IT-INCUBATOR

Nov 2023 - present

### Frontend development

Robot\_dreams

Nov 2022 · Jun 2023

### Algorithms and data structures

Robot\_dreams

Jan 2023 · Mar 2023

### Institute of Engineering, National University of Zaporizhzhia, Ukraine

Master's degree, Industrial Electronics Technology/ Technician

Sep 2001 - Jul 2006

## Languages

ENGLISH - B1 (in progress)

BULGARIAN - C1

UKRAINIAN - native

RUSSIAN - native