OLEKSANDR TKACHENKO

FRONT END REACT DEVELOPER

CONTACTS

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TECH SKILLS

- HTML5/CSS3/SASS
- Responsive/Adaptive design
- GITHub
- JavaScript
- React
- React Hooks
- Redux
- RTK Query
- Parcel
- AJAX
- REST API
- React Native
- Node JS
- Mongo DB
- Express
- Mongoose
- WebSockets
- TypeScript
- Firebase
- Cloudinary
- Firebase

SOFT SKILLS

- Strategic thinking
- Quick learning skills
- Ability to work efficiently both
- individually and in a team

LANGUAGES

- English - Intermediate
- Ukrainian - Native
- Russian - Native

SUMMARY (portfolio-link)

I am a Front End React developer with advanced skills in HTML, CSS, JavaScript, TypeScript, React, Node.js, and React Native. My expertise lies in creating visually appealing and user-friendly web applications, as well as writing efficient JavaScript code. I have experience working on collaborative commercial projects and volunteering on projects from ideation to implementation as a Frontend Developer.

PROJECTS EXPERIENCE

- Healthy-hub, GitHub [React, Redux Toolkit, Node JS, MongoDB], Backend

This React web application is designed to calculate daily calorie and water intake recommendations, track daily calorie and water consumption, and visualize statistics in the form of charts for the past year or month.

My role in this project is that of a developer.

In this project, I conducted code reviews for both the frontend and backend parts. I implemented Redux for state management to store essential data in the global store. To store the token in local storage, I used a persistor. Additionally, I introduced several features, including the ability to change weight only once a day on the homepage, image uploads through the Cloudinary cloud storage server, and the ability to edit data related to food intake on the food intake page.

- Bookshelf. GitHub [HTML, SASS, JS, REST API, AJAX, Parcel, Firebase, Axios, dotenv, Netlify]

This is a website that helps to find popular books, their descriptions, and place orders at very good prices. Role: developer.

During the development of the "bookshelf" application, I integrated Firebase to store user data, including email addresses, passwords, and the list of selected books. Realtime Database from Firebase was used to manage this data. To securely store confidential information, such as API keys, I utilized the dotenv library, allowing me to manage environment variables.

The development process took place on the Netlify platform for convenient deployment and hosting of the application. The primary programming language for the application is vanilla JavaScript. The application features include support for both dark and light interface themes, counting the number of selected books with the result displayed in the header, and the display of a basket icon on the selected book, among other functionalities.

For styling the interface, I used the SASS preprocessor, and the entire layout was adapted for optimal display on various devices. Server requests were implemented using the Axios library, ensuring efficient interaction with external data and APIs.

In summary, "bookshelf" is an attractive and functional web application with various features, providing convenience and flexibility for users.

- Auto-rent, GitHub [React, Redux Toolkit, Redux-persist, styled-components, Formik, Axios]

This is a web application for a car rental company that provides car rental services in Ukraine. My role: developer.

This is a single-page application built with React. State management is handled through Redux and persistor for enhanced data stability. Server requests are made using the Axios library. The application features pagination for convenient loading of cars. Filtering forms are implemented using the Formik library. Styling is done with the styled-components library, providing a clean and easily maintainable approach to component styling. Additionally, users can add cars to their favorites with the ability to view all selected cars on the "Favorites" page.

- Ice-cream, GitHub [HTML, SASS, JS, Parcel]

This website is a multi-page application designed for a business specializing in selling natural ice cream. The application features responsive design, a burger menu, modal windows, animations, and a gallery powered by a JS library. SASS preprocessor was used for styling. My role as a developer focused on implementing the gallery and the testimonials section, where I utilized the SwiperJS library.

- Phonebook, GitHub [React, React hooks, Redux Toolkit , JSX]

Phone Book is an application that, after registration, stores your contacts on the server. You can also delete unwanted contacts or make changes to them. Convenient name-based filtering is used for quick searching of the necessary contacts.

This application is developed using React and relies on the react-router-dom library for page navigation. It interacts with the server and fetches data using the Axios library. Component styling is achieved with the styled-components library, and the components make extensive use of React hooks, including custom ones. Additionally, Redux has been integrated for state management, storing crucial data in a global store. The token is stored in local storage using a persistor. Form creation and validation are handled using the Formik and Yup libraries. The application also utilizes the Bootstrap framework. To optimize the application, React.lazy is employed.

WORK EXPERIENCE

Team-challenge
July 2023-present. Frontend Developer (volunteer).
While working on commercial and semi-commercial projects as part of the Team Challenge team, I actively participated in all stages of development, from ideation to implementation, serving as a frontend developer. During application development, we utilized the Redux library and wrote code in JS and TS languages.

web-developer.in.ua
April 2023-present. Junior Frontend Developer (volunteer).
It is an educational platform for Ukrainians who are interested in learning web development. My role as a frontend developer involves working on the motivation page. On this page, I have implemented a random search for quotes from famous people in an array, which are displayed on the user's page with styling and responsive design.

Scientific and Research Expert-Criminalistic Center of the Ministry of Internal Affairs of Ukraine.

2015-2022. Forensic Expert.
Responsibilities:
- Carrying out inspection and analysis of vehicles for changes in license plates.
- Preparing and presenting reports and documents related to the conducted expertise.
- Investigation of the crime scene, search for evidence of the crime.

Achievements: conducted practical training for interns who successfully found employment after completing their internship.

EDUCATION

IT School GoIT
2022 - 2023
Fullstack Developer

Chernihiv Polytechnic National University
2017 - 2018
Master's degree. Motor vehicle transport.

Academy of Business and Entrepreneurship
2005 - 2008
Master's degree. Enterprise economy.