



Andrei Zotov

Middle Front-end Developer

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About me:

Web-applications front-end developer with 4 years of experience. I have experience in commercial Development of both small and large projects. I am engaged in development Front-end part of web applications in the JavaScript language in conjunction with the React. I want to develop existing and acquire new professional skills and experience in software development in the front-end-development of web applications of various complexity. Have lot of experience with making layout, as well as competent and user-friendly UI and UX solutions. Had a lot of experience with handwritten animations, transitions and adaptive markup. I use self-written solutions more often solutions rather than libraries because it provides better scalability and control over the final product. In my spare time I develop my own web applications and also do the Back-end part, because my tasks also require a basic knowledge of Node.js and work with CLI.

EXPERIENCE

Middle Front-end Developer

FairFi (Source repository)

Jul 2022 - Present

Took part in the finalization of smart contracts based on the mechanism of auto-investment (autofarming) of user funds through a standard farming from different dexes. Created the system of creating conditions for Safe Farming mechanism, which provides withdrawal or deposit of user's funds depending on the price of one or another token and suggests the possibility of splitting the deposited LP token into two different ones. Also participated in creating a list of tokens with the ability to view the history of price changes and the implementation of AI token price prediction. Developed a system where user token balances were taken from different chains. Developed systems for approves and signatures to deposit any available user token into the desired pool, as well as calculating the price impact for the selected token.

Technologies used: React, TypeScript, Redux, Redux-toolkit, Web3, Solidity Smart-Contracts, Jest, Cypress, Recharts

Hard skills

TypeScript, React, Redux, Redux-toolkit, Redux Saga, Next.js, Node.js, Hardhat, SCSS, HLS.js, WebSockets, Web3, Electron, Jest, React testing library

Other Skills

Git, Gitlab CI/CD, Docker, Node.js, Next.js, Nginx, Understanding and deploying Solidity contracts through hardhat and remix online tool

Languages

Russian (native)

English (B2-Intermediate)

Middle Front-end Developer

Gravis Finance (Source repository)

September 2021 - Jul 2022

Gravis Finance is an ecosystem that unites DeFi platform, NFT marketplace for in-game assets, and Evervoid game. Participated in the development and integration of the DEX exchange. Creating a space game with inventory, ships, upgradable modules, lootboxes and drones based on NFT technology

Completed tasks within the project:

- Full participation in team development, following GitFlow methodology;
- Global layout changes according to layouts in Figma;
- Implementing logic via Redux, Web3 and connecting smart contracts;
- Integration with various crypto wallets;
- Developing charts for exchange analytics;
- Adding multilanguage system;
- Working with SVG icons and their animations;
- Using storybook for creating and testing uikit;

Technologies used: React, TypeScript, Redux, Redux-toolkit, Web3, Solidity Smart-Contracts, NFT algorithms

Middle Front-end Developer

Kotelov

August 2021 - September 2021

Worked on a quick-access and editing system for monitoring and managing employee data for a construction company. Also implemented and maintained a tax and payroll accounting system. Took part in creating a personal account of an employee with dates of birth of colleagues at work and displaying his own reporting schedule with Excel integration.

Completed tasks within the project:

- Working with several development departments, including collaboration with the human resources department;
- Tight integration of backend solutions;
- First experience using Redux Saga for data operations and client-server interactions;
- Writing my own solution for generating tables, since the old solution was terribly unoptimized and used absolute positioning for calculations, which hindered the interaction of different cells;
- Integration with Google services for the employee's personal account, in particular the calendar and Google sheets;
- Use of the pixel perfect method to bring the layout of the client part of the application to the layout in Figma;

Technologies used: React, TypeScript, Redux, Redux-toolkit, Redux Saga

Junior Front-end Developer

Interactive movie player

March 2021 - August 2021

Development of a video player for playing interactive movies, as an example, you can take the work Bandersnatch by Netflix. This player implemented a seamless video track switching system with the ability to listen to the user's voice, as well as generating a response to the spoken message. Also the implementation of the editor functionality for this player, to put individual buttons, stop keys and switching.

Completed tasks within the project:

- Development of voice recording functionality;
- Streaming video and audio streams via HLS.js;
- Smooth switching of players without delays in video;
- Playback of synthesized voice through Google Speech To Text;
- Integration with Amazon services: AWS, CloudFront to provide CDN;
- Work with ffmpeg library to convert video and audio files into segments for streaming playback
- Writing a Python script inside the Electron application to automate the conversion process

Technologies used: React, React, SCSS, Laravel, PHP, HLS technology for streaming video and audio streams, ffmpeg

Junior Front-end Developer

ERP-system for corporate use within the company Sixhands

October 2020 - March 2021

Completed tasks within the project:

- Refinement of the "Tasks" section, for setting, viewing, editing, and adding files to tasks by the users of the system;
- Development of the "Leads" section, for the automated collection of requests from freelance exchanges and its further processing inside the company, using the self-written solution of pagination and filtration.
- Development of messaging section using WebSockets;
- Development of the "Daily reports of the developer" section about the work done for the day with pulling commits from the corporate server GitLab;
- Development of the "Users" section for adding and editing users with different access roles;
- Working with localStorage and cookie files to store the Redux state and data user authorization

Technologies used: React, Redux, SCSS, Styled-Components