

Aliaksei Bialenka

SOFTWARE ENGINEER

Education

Computer Science and
Software Engineering

Language proficiency

English — B2

Email

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Location

Warsaw, Poland

Software engineer with 5+ years of experience.

As a software engineer with over 5 years of experience, I have gained a thorough understanding of modern frontend technologies and possess strong communication and teamwork skills. I am proficient in programming languages such as TypeScript and JavaScript, and have experience with technologies such as React, React Native, Nest. I am also familiar with source control systems such as Git and GitHub. I am an efficient and quick learner, always eager to absorb new knowledge and improve my skills.

Programming languages

TypeScript, JavaScript

Front-end

React, React Native, Redux, React-query, Mobx, AltJs, CSS Responsive, HTML, Figma, Yup, Material UI, Ant Design, React-hook-form, Formik, Formsy, Jest, SCSS, react-testing-library, Storybook, i18Next, D3js, Webpack

Source control systems

Git, Bitbucket, GitHub

Projects

CRM system for charity donations

There are two applications: an admin panel for controlling invoices, receipts, users and etc; and application for scanning, managing and filling different templates, according to different charity programs. Application is build using microfrontends.

Project roles

Software engineer

Period

04.2023 – Till now

Responsibilities & achievements

- Designing responsive UI components using React concepts;
- Making multi language support;
- Configuration Webpack and linting;
- Writing unit tests;
- Reviewing application requirements and interface designs;
- Task estimation;
- Designing application architecture;
- Configuring microfrontends;
- Code review;

Environment

React, TypeScript, SCSS, Material UI, Jest, React-query, React-testing-library, Yup, React Hook Form, Webpack, Module Federation Plugin, Aws, Turbo repo, FSD.

APPLICATION FOR ELETRIC GAS STATIONS

The application is an admin panel for creating organizations in which you can register your electric gas stations, making bills, generate QR codes for payment or pay online to pay on gas station, as well as each organization can create its own organizations.

Project roles

Software engineer

Period

06.2022 – 04.2023

Responsibilities & achievements

- Refactoring existing application;
- Designing responsive UI components using React concepts;
- Troubleshooting renderers;
- Fix cross browser compatibility issues;
- Making multi language support;
- Configuration Webpack and linting;
- Writing unit tests;
- Reviewing application requirements and interface designs;
- Task estimation;
- Code review;

Environment

React, TypeScript, SCSS, Material UI, Jest, React-query, React-testing-library, AltJS, Yup, Formik, Formsy

HIKING GUIDES MARKETPLACE

Demanded by path walking enthusiasts, a web application was created. Sponsors from all over the world provided a rich variety of hiking guides, with deep-dive descriptions of what can or cannot be seen during the path. The web-app itself consists of the list of guides, which can be bought by enthusiasts and the following to brighten up the experience. Guide can be bought by various methods of payments such as google pay, apple pay, credit card, paypal.

Project roles

Software Engineer

Period

04.2021 – 05.2022

Responsibilities & achievements

- Designing responsive UI components using React concepts;
- Render optimization;
- Crud implementation;
- Code review;
- Tasks estimation;
- Documenting application changes and developing updates;
- Writing tests;
- Following SEO Best Practices;
- Google Map integration.

Environment

TypeScript, React, Redux, redux-saga, redux-toolkit, jest, Material UI, D3js

MOBILE APPLICATION FOR TRAVELLING

Project roles

The purpose of creating this application is to provide users the opportunity to book a hotel and flight tickets for a trip. It is a cross platform mobile application for iOS and Android written on React Native.

Software engineer

Period

01.2021 – 03.2021

Responsibilities & achievements

- Designing responsive UI components using React Native concepts;
- Implementation of interaction with the server API;
- Writing unit tests;
- Reviewing application requirements and interface designs;
- Linting configuration;
- Code review;
- Refactor legacy;
- Google Map integration.

Environment

React native, typescript, redux, redux-thunk, reanimated, react native gesture handler,

APPLICATION FOR MANAGING RESTAURANTS BOOKINGS

This project consists of two types of applications. One is for restaurant stuff and another one for clients. Clients can scan QR code to book a table. Stuff can manage reservations in their application.

Project roles

Software engineer

Period

09.2020 – 12.2020

Responsibilities & achievements

- Implement dynamic React Native components;
- Migrate class-based components to functional components;
- User experience optimization;
- Working with backend developers to integrate UI components with APIs and databases;
- Code review;
- Tasks estimation;
- Refactoring existing application;

Environment

TypeScript, React Native, Mobx, Formik, Firebase

PRIVATE SOCIAL NETWORK FOR COMPANIES

It is the social media for companies. It was designed as a multi-platform application. It can be used on the web browser or on mobile phones with iOS or Android as a native application.

Project roles

Software engineer

Period

08.2019 – 08.2020

Responsibilities & achievements

- Implement dynamic React components;
- Webpack setup;
- Making multi language support;
- Refactoring the global state structure;
- Embedding TypeScript into the project;
- Creation of layouts according to the requirements of the designer;
- Implementation of interaction with the server API;
- Writing native modules for Capacitor;
- Code review;
- Tasks estimation.

Environment

Typescript, JavaScript, React, Mobx, Capacitor, Redux-saga, Formik, Context API

FLOWERS APP

The project's main goal is to give people a possibility to grow plants at home effectively. The customer has his own products like artificial sunlight or microfarm. There is also a website and mobile application which allows users to buy products, add them to cart, and compare. These applications contain some tutorials about plants growing theory and so on. Plants can be added to favourites and be managed in the future. Also there is a feature implemented for tracking plant growing activity. Users can post photos of plants and the app will create a video with the result. So users can easily check if they are doing well with the progress.

Project roles

Software engineer

Period

09.2018 – 08.2019

Responsibilities & achievements

- Implement dynamic React components;
- Making multi language support;
- Refactoring the global state structure;
- Embedding TypeScript into the project;
- Creation of layouts according to the requirements of the designer;
- Implementation of interaction with the server API;
- Crud implementation;
- Code review;
- Tasks estimation.

Environment

Typescript, JavaScript, React, Mobx, Formik, Context API