

Ivan Tsybulin

Senior frontend developer

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[Personal website](#)

I'm a Senior Frontend Developer with over 6 years of expertise in web development, primarily focusing on React and ReactNative. In my current role at K.W. Bruun & Co, I lead a frontend team, supporting and developing applications in React. My tech stack includes TypeScript, React, Redux, and ReactQuery.

Previously, at Moment Team AS, I revamped outdated code from Backbone to React, propelled complex migration from Redux to ReactQuery, improving user experience and application performance along the way. I've also worked as a software engineer at 247Labs, contributing to projects like EliteHRV and Mason Intelligence, utilizing technologies such as JavaScript, Angular, Ionic, and D3.

I hold a Master's degree in Computer Science from the National Technical University of Ukraine. Proficient in English, I'm a fast learner, team player, and always eager to explore new stuff.

WORK EXPERIENCE

[K.W. Bruun & Co](#), Copenhagen – *Lead React developer*

MAY 2021 – PRESENT

K.W. Bruun & Co serves as the official car dealer and logistics operator for the renowned 'Stellantis' corporation, covering operations across Denmark and Sweden.

Responsibilities and achievements:

- Providing support for existing applications within the extensive and interconnected ecosystem;
- Developing new applications in React;
- Conducting code reviews;
- Managing frontend team;

Technology stack: TypeScript, React, Redux, ReactQuery, CSS-modules, Tailwind

[Moment Team AS](#), Oslo – *Senior React developer*

AUGUST 2019 – MAY 2021

Moment is a product-based company headquartered in Oslo, Norway, specializing in advanced project management solutions tailored for the Scandinavian market. With a tight focus on architects, having top-notch

KEY SKILLS

JavaScript, TypeScript, React, ReactNative, HTML, SASS, Tailwind

SOFT SKILLS

Team player

Fast learner

Ability to multitask

Time management

Eager to learn and try new things

LINKS

[LinkedIn](#)

[GitHub](#)

[Upwork](#)

LANGUAGES

English – Highly proficient in speaking and writing

Ukrainian – Native

companies like [Snohetta](#) and [EggsDesign](#) in clients' portfolios. The company's flagship product is a web-based application offering a comprehensive suite of tools for efficiently managing and forecasting project lifecycles. This is the one I was mainly involved in.

Responsibilities and achievements:

- Revamping outdated codebase from Backbone to React, enhancing both user experience and code quality throughout the process;
- Implementing new feature requests using React;
- Optimizing application performance to accommodate high-load phases
- Conducting code reviews;
- Assisted in newcomers onboarding routines;
- Kept an eye on the new trends which could potentially bring value to the project. Testing and incorporating viable technologies into the system;
- Introduced and integrated react-query with custom wrappers as a replacement for redux-based store management, resulting in significant reduction of codebase size and simultaneous performance improvements;
- Pivoted UI developing towards a robust UI components library, streamlining development and delivering a more standardized and appealing user interface for the clients;
- Forced major frontend architecture upgrade to use hooks, transitioning the overall development approach to a hooks-based model, enhancing code reusability and improving overall development workflow along the way;

Technology stack: JavaScript, React, Redux, ReactQuery, CSSModules, StyledComponents.

[247Labs](#), Toronto – Senior frontend developer

APRIL 2016 – AUGUST 2019

247Labs, headquartered in Toronto, Canada, is an outsourcing company with a primary focus on web and mobile development across diverse technology stacks. Notably, the company has successfully secured prestigious commercial clients such as [IBM](#), [Motorola](#) as well as government-based projects. During my tenure, I was involved in a bunch of projects, some of them were:

1. [EliteHRV](#)

EliteHrv is a cutting-edge platform designed to gather heart rate variability (HRV) datasets from users, conduct thorough analyses, and generate forecasts based on the obtained insights. With a primary focus on athletes and medical institutions, the system collects and delivers significant and valuable representation of the customer's health at the time being. The system consists of a web-based platform for showcasing and visualizing datasets and a mobile application which is able to connect to a dozen measuring instruments for grabbing metrics. The team consisted of 2 backend developers and 3 frontend developers, I was a

frontend tech lead for this project.

Responsibilities and achievements:

- Providing ongoing support for the existing Angular-based web application;
- Providing ongoing support for the existing Ionic application;
- Developing new features for both platforms;
- Led transition of web-based application visualization tools from readymade libraries to a custom build modules, leveraging D3. The shift end up getting gaining full control over the datasets representation, facilitated the creation of a wide range of custom visualizations not available in pre-packaged solutions.
- Maintaining frequent and direct communication with the client, actively participating in product lifecycle discussions, influencing the way product evolves from the technical perspective.

Technology stack: JavaScript, Angular, Ionic, D3.

2. [Mason Intelligence](#)

Mason Intelligence is an AI-focused company, with vast expertise in speech-to-text and chatbots solutions. The product I was in charge of was a highly configurable chatbot system, consisting of a web-based application built with Angular for managing chatbot flows and a mobile app wrapper responsible for the communication with the chatbot APIs, delivered in Ionic. The team consisted of 3 backend developers and 2 frontend developers, I was a frontend tech lead for this project.

Responsibilities and achievements:

- Implementing sophisticated admin interface for managing chatbot behavior in different flows;
- Implementing a custom-made, sophisticated visual editor for creating/managing and connecting chat nodes based on a variety of incoming datasets. There were no readymade libraries that could potentially suit all of the product needs at that time so decision was made to develop one from scratch, leveraging D3. [Follow pages 13,14 of the PDF for the preview of mentioned nodes editor](#);
- Implementing chatbot frontend part for end clients, supporting different response data types like text, lists, images, videos and a variety of commands input sources like text, voice, premade button templates and so fourth. Built with Angular and wrapped to a mobile app with Ionic. [Follow pages 15,16,22 of the PDF for the preview of mentioned application](#);
- Maintaining frequent and direct communication with the client, actively participating in product lifecycle discussions, influencing the way product evolves from the technical perspective.

Technology stack: JavaScript, Angular, Ionic, D3.

3. [Yukon Driving App](#)

The Yukon driving app is a mobile application developed for the Yukon state government with a main objective to enforce tourist flow to the Yukon region, particularly highlighting its renowned natural attractions. I held sole responsibility for the development and implementation of this project

[App Store PlayMarker](#)

Responsibilities and achievements:

- Developing mobile application using ReactNative;
- Designing and implementing business logic exclusively on the frontend, without reliance on a backend infrastructure. Utilized datasets from original Yukon government APIs;
- Implementing map and list views focusing on providing a seamless retrieval and search functionalities for users seeking points of interest;
- Enhancing user experience by introducing offline capabilities through pre-downloading essential assets and caching data sources.

Technology stack: JavaScript, ReactNative, Expo, Redux.

[Upwork](#) – private contractor

OCTOBER 2016 – APRIL 2017

Participated in various projects across different domains, leveraging technologies such as Angular, React and ReactNative

EDUCATION

National Technical University of Ukraine "Kyiv Polytechnic Institute" – Master degree of computer science

2012-2017

SIDE PROJECTS

Bessonov IQ Test app

MARCH 2020 – JULY 2020

The Bessonov IQ Test is an educational mobile application designed to enhance logical problem-solving abilities and familiarize users with problem patterns in an engaging gaming format, serving as a preparatory tool for the IQ Test certification exam. I held a full responsibility for delivery. Constructed using React Native, with Firebase utilized for backend services. Achieving recognition among the top 10 educational games and boasting significant downloads over a span of several months.

[App Store PlayMarket](#)

Responsibilities and achievements

- Developed a mobile application using React Native from inception.
- Implemented various in-app purchase functionalities to enhance user experience and monetization strategies.
- Integrated different flows of push messages;
- Delivered smart ways of preparing and precaching lots of static

images, used in throughout the tests so application could remain usable while off the grid.

- Introduced image naming conventions and developed custom parsers using Node.js to dynamically generate task-specific image sets during the build-time. There were a thousands of game scenarios requiring different image sets so this solution was a game-changer since the initial client idea was to manage each scenarios contents by hand;
- Implemented app localization to support multiple languages, enhancing accessibility for a global audience;
- Integrated a bunch of social auth providers, simplifying user onboarding.

Technology stack: JavaScript, ReactNative, Expo, Redux, ReduxPersist, Bare workflow.