

# Roman Kovalchuk

**Senior Frontend Developer**

## About

### Contacts

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Aloha. My name is Roman, I am 31 y.o. I am a front-end developer with 6+ years of experience. In particular, 4+ years of development in the react ecosystem.

Detail-oriented and self-driven. Able to self-manage effectively during independent projects, as well as collaborate as part of a productive team. I have a keen interest in modern frontend technologies, significant experience in developing complex web applications on react.js, and persistence in problem-solving.

As a specialist, I aim to develop engineering skills, study architecture, code quality, and complex systems.

The vector of personal development is aimed at time management and efficiency increasing.

## Skills

**Programming Languages:** JavaScript(ES5+), TypeScript, HTML, CSS (SCSS), Bash, Python, Markdown, YAML, Handlebars

### Frontend stack:

- React.js, react-router, react-intl, react-query
- Redux, redux-toolkit, redux-saga, reselect
- RxJS, Format.js
- Next.js
- jwt, axios,
- styled-components, styled-system, css frameworks (MaterialUI, Bootstrap, TailwindCSS)

**Industry Knowledge:** Unit testing, TDD, OOP, SOLID Design Principles, familiar with software development processes (Agile, Scrum)

**Tools:** npm, git, webpack, parcel, babel, jest, react-testing-library, storybook, eslint, stylelint, prettier, husky, comitlint, semantic-release, typedoc, plop, yeoman.

**Also experienced with:** REST API, WebSocket(signalR, ws, socket.io), NoSQL(MongoDB), NodeJS (express, Nest.js), Linux (Debian/Ubuntu desktop, server), Docker, CI\CD (gitlab), AWS (Lambda, Amplify), GCP, Angular

**Languages:** English (Intermediate), Russian (fluent), Ukrainian (native)

## Experience

### SportStock Exchange LLC / Senior Frontend Developer

May 2018 - Dec 2020, Kharkiv, Ukraine

Trading platform that combines daily fantasy point scoring and ever-popular financial trading.

The frontend team was developing two products (with some shared code like UI components lib, typings, utility helper lib):

1. SPA for users
2. Admin panel for operators.

As part of the frontend team I did the following:

- UI development using React.js and React ecosystem.
- Development of the high-load client-side SPA with complex business logic.
- Building reusable components and front-end libraries for future use.
- Test development (unit testing)
- Troubleshooting interface software and debugging application codes.
- Monitoring and improving front-end performance.
- Design a scalable web-app architecture, easy to support continuously.
- Performing the full cycle of software delivery, from design to post-release support.
- Workflow organization.
- Set up and update/support a project dev environment for ReactJS.
- Continuous-integration setup.
- Project refactoring.
- Working with customers to transform product concepts into technical specifications.
- Collaborating with software developers and designers.
- Reviewing application requirements and interface designs.
- Code review
- Tasks specification.
- Sprint planning.
- Documenting application changes and developing updates.
- Project support and consulting.

**Technologies and tools:** typescript, es6+, babel, react, react-router, react-intl, redux, redux-toolkit, redux-saga, styled-components, materialUI, storybook, formik, yup, axios, signalR, jwt, webpack, jest, react-testing-library, redux-saga-test-plan, eslint, ts-lint(until deprecation), lerna, AWS (Amplify), CI/CD (TeamCity, AWS)

### in-play / Senior Frontend Developer

Apr 2017 - Jun 2018, Kharkiv, Ukraine

Fantasy sports betting platform.

As part of the frontend team I did the following:

- UI development using React.js and React ecosystem.
- Create data visualization tools.
- Test development (unit testing)
- Troubleshooting interface software and debugging application codes.
- Monitoring and improving front-end performance.
- Performing the full cycle of software delivery, from design to post-release support.
- Workflow organization.
- Continuous-integration setup.
- Working with customers to transform product concepts into technical specifications.
- Collaborating with software developers and designers.

- Reviewing application requirements and interface designs.
- Code review
- Tasks specification.
- Documenting application changes and developing updates.

**Technologies and tools:** typescript, es6+, babel, react, react-router, react-intl, redux, redux-thunk, styled-components, formik, yup, axios, socket.io, jwt, webpack, jest, eslint, ts-lint, stylelint, CI/CD (gitlab)

### ALTBET / Frontend Developer

Feb 2016 - Mar 2017, Kharkiv, Ukraine

Betting platform, where users can make bets and track statistics of different events of a huge variety of different areas.

As part of the frontend team I did the following:

- UI development using React.js and React ecosystem.
- Test development (unit testing)
- Troubleshooting interface software and debugging application codes.
- Monitoring and improving front-end performance.
- Code review
- Tasks specification.

**Technologies and tools:** es6, babel, react, react-router, react-intl, redux, redux-thunk, SCSS, axios, socket.io, webpack, jest, eslint, stylelint

### DeCoffee / Junior Frontend Developer

Nov 2015 - Mar 2016, Remote

A web application built on top of google maps to find the nearest coffee shop or fast food outlet and order online for a certain time.

As part of the frontend team I did the following:

- UI and business logic development using Angular.js
- Troubleshooting interface software and debugging application codes.
- Monitoring and improving front-end performance.

**Technologies and tools:** es5, Angular.js, SCSS, gulp, google maps API

### Freelance / Web developer

Sep 2014 - Nov 2015, Remote

Various websites on WordPress.

E-commerce website built on Prestashop CMS.

- HTML/CSS coding.
- Simple JS coding.
- Implementing design into html document.
- Troubleshooting and debugging.
- Configuring and extending WordPress websites.
- Configuring and integrating Prestashop CMS into the existing workflow of the offline shop.
- Working with customers to transform product concepts into technical specifications.
- Collaborating with software developers and designers.

**Technologies and tools:** es5, HTML, PHP, SCSS, gulp, WordPress, Prestashop CMS, jQuery, Bootstrap, nginx, git, filezilla

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## **Education**

**V. N. Karazin Kharkiv National University / Bachelor's degree**

Sep 2010 - Jul 2014, Kharkiv, Ukraine

Field of study: Psychology and Pedagogy