

ANDRII PETRYK

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SUMMARY

I've spent the last 9 years as a web developer, I'm a well-organized and highly motivated person, have strong problem-solving skills, and have experience working on important features for building fast and highly loaded systems. I'm inquisitive and always willing to help others learn. I work in a calm and professional manner. I enjoy taking a problem and solving it, regardless of the technologies and techniques involved. I've been a very independent senior React developer for over 6 years and am used to contributing to quality. I'm accurate and pay attention to details. I've successfully implemented micro front-end approaches using React.js in applications for a cargo tracking system based in the EU.

- 8+ years of experience in building massively scalable systems (mostly using Javascript/Typescript). 3 of them from scratch and 4 diving into an existing codebase.
- 6+ years highly self-driven Senior React developer, who is used to providing input from the quality of the architecture.
- I can work independently and collaborate with different project stakeholders, taking full responsibility for the development process and communication with different teams.

SKILLS

Languages: Javascript(ES6+), Typescript

Technologies: React.js, Redux, RTK Query, React Query, Next.js, GraphQL, HTML5, CSS3, LESS, SASS, SCSS, Styled Components, Node.js

Tools: Gitlab, Jenkins

Source Control: Git

Testing Libraries: Jest, Enzyme, React Testing Library

Methodology: Scrum, Kanban

Accomplishments:

- implemented micro-frontend architecture to application
- shortened development time by 15%
- reduced project build time by 10%
- reduced components implementation time by 20%

WORK EXPERIENCE

MOBILUNITY, Kyiv, Ukraine

Oct 2021 – Present

Senior Frontend Developer | React.js | Redux | Typescript

- **Project:** Cargo tracking system
- **Technologies:** React.js, Redux, React Query, React Testing Library
- **Responsibilities:** I was involved in developing micro front-end architecture of applications used for building complex approaches. Developed feature-rich and user-friendly interfaces on the web. Involved me in implementing pre-built design solutions in the component library using React/Redux/React Query. Validated written code with unit tests using tools such as Jest/Enzyme/React Testing Library.
- **Accomplishments:**
 1. implemented micro-frontend architecture of applications,
 2. developed an internal library of components,
 3. reduced components implementation time by 10%
 4. implemented unit test

KOYFIN, Kyiv, Ukraine

Sep 2020 – Oct 2021

Senior Frontend Developer | React.js | Redux | Typescript

- **Project:** Financial data and analytics platform for researching stocks
- **Technologies:** React.js, Redux, Rx.js
- **Responsibilities:** I took part in the development and maintained the internal system of components(Used different approaches for creating reusable components for different parts of the application). I processed a large data stream from RESTful APIs and prepared it for displaying in tables and graphs with WebSockets. The approaches that I used when rendering the data that I got from the backend part in the view helped to get rid of large delays when loading the page and further made it comfortable for the customer to use pages for data analysis.

- **Accomplishments:**
 1. implemented WebSockets,
 2. developed an internal library of components,
 3. increased data loading by 2.5 times

Agile Fuel, Kharkiv, Ukraine

Aug 2016 – Sep 2020

Senior Frontend Developer | React.js | Redux | Javascript

- **Project:** Employee Reward Management System.
- **Technologies:** Javascript, React.js, Redux.
- **Responsibilities:** Created pages for SPA, and implemented highly loaded parts of the site, implemented tables, and their optimization for a large amount of data. Optimized pages for mobile devices. Contributed to the development of custom library components. Participated in the development of a wrapper for redux, which allows the reuse of the exact solutions for different apps without duplication of the code.
- **Accomplishments:**
 1. designed and implemented a custom wrapper for redux.
 2. speed up the slowest query 6 times.
 3. implemented highly loaded parts of the site.
- **Project:** Exchange and sales system.
- **Technologies:** Blockchain, Stellar Javascript SDK, Node.js, Express, MongoDB, React.js, Redux.
- **Responsibilities:** Participated in building the application architecture, and development of the cryptocurrency exchange system. The biggest advantage of the chosen technology and development approach was excellent application performance, working without fail with a big number of users, and simultaneous transactions.
- **Accomplishments:**
 1. designed and implemented a custom wrapper for redux.
 2. speed up the slowest query 6 times.
 3. implemented complicated charts.
- **Project:** e-commerce;
- **Technologies:** CMS: WordPress and React.js, Redux
- **Responsibilities:** Created SPA, participated in the development of a smart selection of recommended products for users, and implemented React to the site.
- **Accomplishments:**
 1. increased uptime by 4%.
 2. implemented unit tests.
 3. speed up UI loading 3 times.

EASTERN PEAK SOFTWARE, Kharkiv, Ukraine

Jul 2013 – Aug 2016

Frontend Developer | Javascript | JQuery | JQueryUI

- **Project:** System of preparing students for exams
- **Technologies:** Javascript, jQuery, jQueryUI.
- **Responsibilities:** Developed modules for students' testing, created independent pages for a unifying system with Javascript and jQuery, and creative interaction with the designer team.

EDUCATION & TRAINING

Diploma, M.D.: Computer Programmatic | THE INTERNATIONAL SOLOMON UNIVERSITY, Kyiv, Ukraine (2005-2010)