OLEKSANDR DROBOT

SENIOR SOFTWARE ENGINEER | FRONTEND DEVELOPER

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PROFESSIONAL SUMMARY

Senior Frontend Software Engineer with about 6 years of experience building scalable applications with React.js, Vue.js, and Node.js. Master's degree in Computer Science. Experienced in refactoring legacy systems to improve scalability, extensibility, and minimize bugs, ensuring smooth production environments. Proven expertise in code reviewing, and mentoring developers.

SKILLS

Programming Languages: JavaScript, TypeScript
Frontend Development: React.js, Vue.js, React Native, HTML, CSS, SCSS, Redux, Redux Toolkit, Recoil, Pinia, Vuex, Tanstack/react-query, React Router, Localization (i18next), Bootstrap, TailwindCSS, MaterialUI, D3.js, Chart.js, Storybook
Backend Development: Node.js, Express.js, Nest.js, MySQL, PostgreSQL, MongoDB, Apollo GraphQL, AWS, Azure
Tools and Technologies: Microfrontends, Module Federation, Webpack, Nx, Lerna, Git, Git Flow, CI/CD, Jest, Enzyme, Testing Library, Cypress, Karma
Methodologies & Soft Skills: Agile, Scrum, SOLID, Design Patterns, Algorithms, and Data structures

EMPLOYMENT HISTORY

MAY 2024 — PRESENT

WSC Sports - Frontend Developer

Developed and maintained an AI-tailored web application for the automated generation of sports video highlights.

- Improved application performance by implementing a virtualized list, resulting in 70% faster rendering of large datasets
- Moved common components to the UI library for reuse across multiple applications within the system

MAY 2019 — MAY 2024

NIX Solutions - Senior Software Engineer

A platform for graphical analysis of psychological test results - Senior Frontend Software Engineer

- Refactored legacy codebase by implementing feature-sliced design architecture, as a result, the application became more stable, user-friendly, and got rid of a large number of bugs (~80% of backlog)
- Implemented micro-frontends using Webpack Module Federation to reuse widgets of an application in other internal projects, increasing development efficiency and consistency

Mobile application to follow up on training goals in collaboration with coach - Senior Full-stack Software Engineer

- Started project from scratch, designed backend and mobile applications architecture, organized development processes
- Mentoring and coaching Junior developers by reviewing code, making training sessions and workshops

Interactive digital books editor for primary schools - Full-stack Software Engineer

- Implemented flexible data structure to modify and display dynamic digital books using reusable components, resulting in enhanced customization and user experience for educational content
- Developed interactive drawing tools with full editor possibilities and undo/redo functionality

Real-time text editor for collaborative works on books - Frontend Software Engineer

- Refactored legacy editor written by Backbone.js using React.js to improve performance and make user-friendly interface
- Extended and enhanced existing CKEditor library in collaboration with the library team, adjusted library plugins to cover business needs, and created own plugins to analyze and convert text editor data
- Covered each feature with over 80% of tests

A blockchain platform that helps establish and secure the provenance of scientific papers - Frontend Software Engineer

- Developed a Google Chrome Extension that includes OAuth2 authorization flow and file uploader to secure proof of existence for scientific papers
- Developed Google Docs Add-on to insert citations from scientific papers

JAN 2019 — APR 2019

Rubika - Software Engineer

Developed online stores, promo sites, and landings. Markup sites by design. Built interactive tree list using Canvas API.

EDUCATION

Master's degree in Computer Science, Simon Kuznets Kharkiv National University of Economics, Kharkiv, Ukraine