Baloi Radu
Frontend Developer | React.js, JavaScript
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Portfolio: https://baloi-radu.vercel.app/

Professional Summary

Frontend developer with over **three years of experience** building scalable, high-performance web applications. Proficient in **React.js, Redux.js, and Tailwind CSS**, with a solid understanding of **modern JavaScript development**. Experienced in integrating APIs, state management, and UI/UX optimization. Passionate about writing clean, reusable code and solving real-world challenges with innovative web solutions.

Technical Skills

- **Frontend:** React.js, Redux.js, Tailwind CSS, Next.js, Astro, Styled Components, html, css
- **Backend:** Node.js, Express.js
- **API & Tools:** REST APIs, Axios, Postman, GraphQL
- **Database & State Management:** Redux, Knex.js
- **Version Control & DevOps:** Git, Docker, Google Cloud Run
- **Monitoring & Debugging:** Sentry, PostHog
- **Other:** Formik, Yup, i18n, Responsive Web Design, React Hook Form, Tanstack Table, Embla Carousel

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Work Experience

Frontend Developer

Middelout SRL | Nov 2021 - Present

- **Developed and maintained complex React.js applications**, ensuring performance optimization and scalability.
- Built **responsive, reusable UI components** following Figma designs and best UX/UI practices.
- Integrated REST APIs using **Axios**, implemented error handling via interceptors.
- **Optimized state management** using Redux for caching and data revalidation.
- Implemented **i18n for multi-language support** and **form validation** using Yup and Formik.
- Utilized **PostHog** to analyze user behavior and improve engagement.
- Monitored **Sentry logs** to identify and fix critical bugs proactively.
- Collaborated with backend developers, designers, and stakeholders to ensure smooth feature delivery.

Projects

(A selection of projects I have worked on during my time at Middelout SRL in the last 3 years.)

Project Robill *(React.js, Redux.js, Tailwind CSS, API Integration)*

- Developed **robust and scalable components** in React.js with Tailwind CSS, ensuring a pixel-perfect match with Figma designs and maintaining responsive web design standards.

- Integrated APIs using **Axios**, leveraging interceptors for effective error handling, response management, automatic request retries (up to three times) for specific error codes and ensured that certain requests requiring **authorization** first attempted **token revalidation before retrying** the original reuqest

- Optimized **state management** with Redux, ensuring efficient data storage, caching, and revalidation to enhance performance.

- Implemented **multi-language support (i18n)**, making the application accessible to a global audience.

- Incorporated **PostHog** for user flow tracking and behavioral analysis, improving UI/UX based on data-driven insights.

- Ensured robust **form validation** with Yup and Formik, implementing detailed error handling both at the field level and across the application.

- Proactively monitored and troubleshot issues using **Sentry**, ensuring rapid bug identification and resolution to maintain application stability.

Redirection Map Generator (Node.js, Knex.js, Scrapingbee)

- Developed a **web scraper** that retrieved a list of URLs and post titles from a website.

- Built a script to **match the scraped urls (by titles) with those in the database** and generate a **CSV-based redirection map** in the format `oldUrl, newUrl`, facilitating seamless redirection mapping.

JSX Code Generator *(JavaScript, JSON)*

- Developed a flexible script that dynamically generates JSX components from multiple JSON files, automating the process and significantly reducing manual work.

See more personal projects at https://baloi-radu.vercel.app/

Education

Completed 3 years of Bachelor's in Computer Science
Universitatea „Titu Maiorescu" - Bucharest
2016 – 2019

• Passed all exams and completed coursework for a Bachelor's degree in Computer Science, but did not present the final project required for the degree.

Technical Courses

(This is just a subset of the courses I have completed to continually improve my skills in web development and related technologies.)

Udemy - Andrei Neagoie
• The Complete Web Developer: Zero to Mastery (37h)
• Junior to Senior Web Developer (37h)
• Master the Coding Interview: Data Structures and Algorithms (20h)
Mosh Hamedani
• The Complete SQL Mastery (11h)

Wes Bos
• Advanced React.js, Next.js, GraphQL, Apollo Course (45h)

FreeCodeCamp
• Full React Course 2020 (10h)

Udemy - Colt Steele
• The Modern Python 3 Bootcamp (31h)

Languages

- English (Fluent)
- Romanian (Native)

References

Available upon request.