Łukasz Kosobucki

Frontend Software Engineer

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Professional Experience

YouGov   **Junior Software Engineer with Angular**   **Sep 2023 - Present**

Collaborated with the international team to boost brand visibility, indirectly driving company profit growth.

- Built an interactive and accessible map and table for the US Elections website, significantly increasing public interest: today.yougov.com/elections/us/2024.
- Enhanced the UK Elections page by implementing Highcharts for visualizing predictions and adding custom interactivity, boosting business client traffic by 260% and generating over 3 million views: yougov.co.uk/elections/uk/2024.
- Improved SEO by leveraging Angular 17 server-side rendering across the website.
- Developed analytics scripts to track user activity and engagement with features like the interactive US elections map.
- Migrated the website to standalone components, reducing build times by 30%, and ensured all technologies, including Angular and NX, were up-to-date.
- Introduced parallel testing in the CI/CD pipeline, cutting test time and costs by 70%.
- Rewrote legacy tests using TestBed with Jest, reducing test execution time by 50%.

Capgemini   **Intern Software Engineer with React**   **Sep 2022 - Aug 2023**

Worked in the e-commerce team for clients such as Vodafone and T-Mobile, utilizing technologies like Next.js, Nx, and Module Federation.

- Developed cart, checkout, and product pages used across three different repositories, enabling compatibility with multiple frontend technologies like React, Angular, and Vue.
- Created a multi-brand TypeScript component library, shared via GitLab registry.
- Set up CI/CD pipelines for all project repositories using GitLab and Argo, ensuring seamless integration and deployment across environments.

WCSS   **Super Computer Administrator**   **Jan 2021 - Jun 2022**

Maintained and installed new software on the BEM1 and BEM2 supercomputer clusters while contributing to a European Union-funded project.

- Developed the Ulopolis webpage for a European Union-funded project using WordPress: ulopolis.pwr.edu.pl.
- Supported hundreds of users by maintaining cluster software and dependencies, and troubleshooting issues as they arose.

Projects

Memory Game   **Jan 2023**

Simple browser game focused on training short memory capacity with implemented leaderboard.

- Designed and implemented from scratch using React with TypeScript and xState for state management.
- Built responsive UI with styled-components and framer-motion, optimized for mobile devices with media queries.
- Integrated Firestore for a real-time leaderboard and SonarCloud for code quality analysis.

Skills

- Angular
- React
- Next

- Typescript
- Redux
- Highcharts

- Unit testing
- Component testing
- E2e testing

- CI/CD
- Rancher
- Docker

Education

Master of Science in Computer Engineering   **Feb 2021 - Jun 2022**

Wrocław University of Science and Technology

Engineer's Degree in System Engineering   **Oct 2017 - Jan 2021**

Wrocław University of Science and Technology