

MIKOŁAJ MICHALAK

Wrocław, Poland | | majkanart117@gmail.com

GitHub: github.com/Majkan1 |

LinkedIn: <https://www.linkedin.com/in/miko%C5%82aj-michalak-5278513b5/>

SUMMARY

Junior Front-End Developer and Computer Science student at Wrocław University of Science and Technology. Proficient in **React, TypeScript, and JavaScript (ES6+)**, with a focus on building high-performance, scalable user interfaces. Experienced in state management, API integration, and writing clean code. Seeking an international internship (USA/EU) at a leading tech companies to contribute to professional-grade software and high-performance engineering teams.

TECHNICAL SKILLS

- **Front-End:** React, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind
 - **Back-End:** Node.js (Basic/Familiarity)
 - **Tools & DevOps:** Git, GitHub, Vite, npm, Chrome DevTools
 - **Methodologies:** Component-Based Architecture, Responsive Web Design, Agile/Scrum
-

PROJECT EXPERIENCE

Mini Budget Tracker | *React, TypeScript, CSS3*

Live version: <https://majkan1.github.io/Mini-Budget-Tracker/>

Link to Repository: <https://github.com/Majkan1/Mini-Budget-Tracker>

- **Engineered a responsive single-page application (SPA)** using React, defining strict TypeScript interfaces for transaction data models to ensure type safety and prevent runtime errors.
- **Architected unidirectional data flow** (lifting state up) to guarantee real-time synchronization between data input forms, the transaction history list, and dynamic balance calculations.

- **Developed a modular UI component library** using custom CSS3, implementing semantic styling and color psychology to enhance data readability and user experience.
- **Ensured code maintainability** by breaking down the interface into highly reusable, decoupled functional components.

Real-Time Weather Dashboard | *React, JavaScript (ES6+), REST API*

Link to Demo: <https://majkan1.github.io/weather-app/>

Link to Repository: <https://github.com/Majkan1/weather-app>

- **Integrated a third-party REST API** utilizing the Fetch API and async/await to reliably retrieve and render real-time meteorological data based on user search queries.
- **Designed a resilient user interface** by implementing comprehensive error handling and loading states, ensuring UI stability during network delays or invalid API requests.
- **Optimized client-side performance** and prevented unnecessary DOM renders by strategically implementing React memoization hooks (useMemo, React.memo) for derived data and child components.

EDUCATION

Wrocław University of Science and Technology (PWR) | *Wrocław, Poland Bachelor of Science in Telecommunication and Computer Science* | 2023 – Present

47th High School | *Warsaw, Poland High School Diploma* | Graduated 2023

CERTIFICATIONS & AWARDS

- **Responsive Web Design Certification** – FreeCodeCamp

SOFT SKILLS

- **Technical Communication:** Fluent in explaining complex logic and documentation.
- **Analytical Thinking:** Strong foundation in data structures and algorithms via PWR coursework.

- **Collaboration:** Experienced in version control (Git) workflows and peer code reviews.
-

LANGUAGES

- **Polish:** Native
- **English:** B2 (Fluent in speaking and writing)