

# JAKUB MOTYL

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## EDUCATION

**Bachelor of Science:** Computer Science, Expected in 2027

**WSB Merito University** - Warsaw, Poland

**Specialization:** Frontend Developer

- Gained practical knowledge in designing Responsive Web Design (RWD) layouts and scalable Single Page Applications (SPA).
  - Developed complex projects based on the modern web technology stack.
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## SUMMARY

Junior Frontend Developer with hands-on experience in building responsive user interfaces using React, TypeScript and Tailwind CSS. Committed to writing clean, testable code and continuously expanding my skills in developing web applications.

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## SKILLS

**Technical Skills:** React.js, TypeScript, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3, Git

**Industry knowledge:** Responsive Web Design (RWD), Single Page Applications (SPA), UI/UX Principles

**Languages:** Polish (Native), English (Advanced)

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## EXPERIENCE

### **Game Tester, 03/2025 - 07/2025** **Lionbridge** – Warsaw, Poland

- Conducted thorough testing of game functionality and performance to identify bugs and inconsistencies.
  - Collaborated with development teams to communicate findings and ensure timely resolutions.
  - Executed test cases based on project specifications to validate gameplay mechanics and user experience.
  - Documented defects in tracking systems, providing detailed descriptions for effective troubleshooting.
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## PROJECTS

### **CryptoTrade** | [GitHub](#) | [Live](#)

**Tech Stack:** React, TypeScript, Tailwind CSS, CoinGecko API, Chart.js

**Goal:** Educational project focused on mastering financial data visualization and external API integration within the TypeScript ecosystem.

- Designed the dashboard architecture, implementing asynchronous market data retrieval using the native Fetch API (handling `async/await` and loading states).
- Built a fully responsive interface (RWD) with Tailwind CSS, ensuring compatibility across mobile and desktop devices.

### **FilmZone** | [GitHub](#) | [Live](#)

**Tech Stack:** React, Tailwind CSS, TMDB API, React Router

**Goal:** Developing an advanced SPA (Single Page Application) to master dynamic routing and complex state management.

- Constructed a navigation structure using React Router, allowing users to switch between home page and user's favorites page without page reloads.
- Implemented client-side search logic and filtering, optimizing API request frequency through efficient use of `useEffect` and `useState` hooks.

[Quiz App](#) | [GitHub](#) | [Live](#)

**Tech Stack:** JavaScript, HTML5, CSS3, Vitest

**Goal:** Built with Vanilla JavaScript to deeply understand browser mechanics and DOM manipulation before transitioning to modern frameworks like React.

- Developed a custom state management engine for tracking scores and question progression without relying on external libraries.
- Implemented direct DOM manipulation for dynamic content rendering and instant user answer validation.
- Integrated Vitest to implement basic unit testing for game logic

*I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).*