

# Adam Steciuk

Frontend web developer with over 2 years of professional experience and extensive work on personal and university projects. Passionate about creating dynamic, user-friendly web applications. Curious and ambitious, constantly seeking to enhance my skills and stay updated with the latest industry trends.

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## PROFESSIONAL EXPERIENCE

**GeoTec Energy Sp. z o. o.** (remote), Poland

*Web Developer and IT Administrator* 12/2023 - 05/2024

- Designed, developed and maintained the company's website (<https://www.geotecenergy.pro>) ensuring a seamless user experience and optimal performance.
- Managed the company's domain and hosting services.
- Set up and managed Microsoft 365 Business accounts for the company.
- Developed internal tools to enhance operational efficiency.

**Appfire (BigPicture)** Warsaw, Poland

*Front-End Developer* 10/2021 - 12/2022

- Developed and refactored key Angular components for an enterprise-class application, enhancing functionality and performance.
- Created, maintained, and refactored multiple Cypress E2E tests, leading to significant improvements in application stability and CI/CD processes.
- Contributed to the development of a unified big volume data-management infrastructure, optimizing data handling across the entire application.
- Collaborated in a team of three during a one-week internal hackathon to develop a library for drawing links between draggable HTML DOM elements, significantly boosting app performance compared to the previous third-party library.

*Intern Front-End Developer* 07/2021 - 10/2021

- Was responsible for enabling typescript strict mode in a significant part of a large Angular application.

**PolSource** Warsaw, Poland

*Intern Full-Stack Developer* 04/2021 - 06/2021

- Was learning Salesforce ecosystem through Trailhead platform.

## SKILLS

### Web development

React · Angular · Astro · Svelte · TypeScript · JavaScript · Tailwind CSS · HTML · CSS · Sass · RxJS · Vite · Vitest · Jest · Cypress · EJS · Chrome Extensions · Express · Phaser

### Data science & analytics

Python · pandas · NumPy · Matplotlib · Seaborn · scikit-learn · Jupyter · NetworkX

### Other

Git · Gerrit · Firestore · MongoDB · Linux · Docker

### Languages

Polish (native) · English (fluent) · Spanish (intermediate) · Russian (elementary)

## INTERESTS

Web development · Software architecture · Tech novelties · Alpine skiing · Paragliding · Kitesurfing · Sailing · Hitchhiking

## EDUCATION

**Warsaw University of Technology**

*MSc in Computer Science* 10/2022 - 06/2024

- Average grade: 4.96/5.00.
- Final thesis "Analysis of structure and data flow in modern web applications" (<https://github.com/steciuk/StateViz>) received the highest grade and was awarded a distinction.

*BSc in Computer Science* 10/2018 - 07/2022

- Average grade: 4.87/5.00.
- Final thesis "Multiplayer card game in a web browser" (<https://github.com/steciuk/card-game>) received the highest grade and was awarded a distinction.

**Universitat Politècnica de València**

*ERASMUS+ program during MSc* 02/2023 - 02/2024

- Average grade: 4.94/5.00.

**Universitat Politècnica de Málaga**

*ERASMUS+ program during BSc* 02/2020 - 07/2020

- Average grade: 4.82/5.00.

## RELEVANT PROJECTS

See more at [steciuk.dev](https://steciuk.dev)

### StateViz

- Universal Chrome extension for analyzing web apps, with real-time state inspection, structure visualization, and DOM highlighting.
- Repository: <https://github.com/steciuk/StateViz>
- Available at: <https://chromewebstore.google.com/detail/stateviz/fckfpalhoncacipdeapifooaljchalin>
- React, Svelte, TypeScript, Tailwind CSS, Vite, Vitest, Chrome Extensions.

### FreeBici

- Web app designed to enhance Valenbisi (Valencia city bikes) experience.
- Repository: <https://github.com/steciuk/freebici>
- Available at: <https://freebici.steciuk.dev>
- React, TypeScript, OpenStreetMap, Leaflet, Nx, Emotion, MUI, Vite, Python.

### QRnamic

- Static and dynamic QR code generator with a user-friendly interface.
- Repository: <https://github.com/steciuk/qrnamic>
- Available at: <https://qrnamic.steciuk.dev>
- React, TypeScript, Firestore, Emotion, Vite, MUI.

### vite-plugin-inline-imports

- Vite plugin forcing inline imports for specified modules.
- Repository: <https://github.com/steciuk/vite-plugin-inline-imports>
- Available at: <https://www.npmjs.com/package/vite-plugin-inline-imports>
- TypeScript, Vite, Vitest.

### Card Game

- Full-stack card game application with real-time multiplayer functionality and user authentication.
- Repository: <https://github.com/steciuk/card-game>
- Available at: <https://cardgame.steciuk.dev>
- Angular, TypeScript, RxJS, Phaser, WebSockets, Node.js, Express, MongoDB, JWT, Sass.

### Quote Shake

- Simple mobile app for fetching and saving quotes.
- Repository: <https://github.com/steciuk/PS2-quote-shake>
- React Native, TypeScript, Expo.