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.



PROFESSIONAL EXPERIENCE

GeoTec Energy Sp. z o. o.

Web Developer and IT Administrator

- 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 datamanagement 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

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

Data science & analytics

 $Python \cdot pandas \cdot NumPy \cdot Matplotlib \cdot Seaborn \cdot scikit-learn \cdot Jupyter \cdot NetworkX$

Other

 $\mathsf{Git} \cdot \mathsf{Gerrit} \cdot \mathsf{Firestore} \cdot \mathsf{MongoDB} \cdot \mathsf{Linux} \cdot \mathsf{Docker}$

Languages

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

INTERESTS

Web development · Software architecture · Tech novelties · Alpine skiing ·

EDUCATION

(remote), Poland Warsaw University of Technology

12/2023 - 05/2024 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 other projects at steciuk.dev

StateViz

- A universal Chrome extension for analyzing web apps, with real-time state inspection, structure visualization, and DOM highlighting.
- Repository: https://github.com/steciuk/StateViz.
- Avaliable 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.
- Avaliable 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.
- Avaliable 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.
- Avaliable 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.
- Avaliable 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.