Tudor Grădinaru

Iași, Romania • graditudor@gmail.com • [GitHub](#) • [LinkedIn](#)

Front-End Developer

Summary

Recent Computer Science graduate passionate about building modern, responsive web applications. Skilled in **React**, **TypeScript**, and **Tailwind CSS**. Experienced with the full project lifecycle, delivering high-performance, accessible, and scalable user interfaces. Strong collaborator with experience in code reviews and cross-functional teamwork.

Technical Skills

- Front-End: JavaScript (ES6+), TypeScript, React, Vite, HTML5, CSS3
- Styling: Tailwind CSS, Framer Motion, Responsive Design
- Back-End: Node.js, Express, REST APIs, JWT, Socket.io
- Databases: MySQL, MongoDB, SQLite
- Tools: Git, GitHub, ESLint
- UI/UX: Accessibility, Microinteractions, Dark/Light Mode

Education

Alexandru Ioan Cuza University - B.Sc. in Computer Science   2022 - 2025

- Relevant Coursework: Web Technologies, Software Engineering, Computer Networks, Algorithm Design, OOP

Certifications

- [Meta Front-End Developer Professional Certificate](#)

Projects

Personal Projects

- **Cartify — Modern E-commerce Platform** — Developed a full-stack e-commerce platform with reusable React components and multiple user-facing pages. Optimized performance with lazy loading and code-splitting, reducing bundle size to 227KB. Ensured accessibility compliance (keyboard navigation, reduced-motion support) and implemented responsive design with dark/light mode. Technologies: React, TypeScript, Tailwind CSS, Framer Motion, Vite, Node.js. [Live Demo](#) | [GitHub](#)
- **TawkTalk — Real-time Chat Application** — Developed a chat app supporting 25+ concurrent users with fewer than 100 ms latency. Engineered modular React components with secure JWT authentication. Built RESTful API endpoints and ensured responsive design across multiple screen sizes. Achieved a Lighthouse performance score above 90. Technologies: React, Node.js, Socket.io, MongoDB, Tailwind CSS. [Live Demo](#) | [GitHub](#)
- **Educational Programming Platform — Full-Stack Web Application** — Architected a platform supporting three user roles with a normalized SQLite database. Developed API endpoints and reusable frontend components, focusing on scalability and maintainability. Technologies: Node.js, SQLite3, HTML5, CSS3, JavaScript. [GitHub](#)

Academic Projects

- **CalendarIQ — AI-Powered Calendar (Bachelor Thesis)** — Delivered a full-stack AI calendar app with NLP and voice commands. Integrated Google Generative AI and Groq, implemented JWT authentication, conflict detection, and responsive UI across month, week, and day views. Technologies: React, Tailwind CSS, Node.js, Express, MySQL. [GitHub](#)
- **Software Engineering — Course Project** — Contributed to frontend development of a collaborative software project, implementing key UI components, participating in code reviews, and debugging critical features, demonstrating teamwork and problem-solving skills.

Languages

Romanian (Native) • English (Professional Working Proficiency)