

# Tudor Grădinaru

Iași, Romania • [graditudor@gmail.com](mailto:graditudor@gmail.com) • [GitHub](#) • [LinkedIn](#)  
Front-End Developer

## Education

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

2022 - 2025

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

## Certifications

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

## Projects

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CalendarIQ — AI-Powered Calendar (Bachelor Thesis)

[GitHub](#)

- Processed natural language commands with **84% accuracy**
- Integrated **Google Generative AI** and **Groq APIs** with voice recognition (**5+ languages**)
- Built JWT authentication with conflict detection algorithms
- Developed responsive UI with **3 view modes** and support for **1000+ events per user**
- Integrated external APIs for real-time local events
- Tech: React, Tailwind CSS, Node.js, Express, MySQL

Cartify — Modern E-commerce Platform

[Live Demo](#) | [GitHub](#)

- Built **20+ reusable React components** and **11 user-facing pages**
- Optimized performance with lazy loading and code splitting (**227KB bundle, 60% smaller**)
- Achieved **90+ Lighthouse performance score** and **100% accessibility compliance**
- Implemented responsive design with **3 breakpoints** and dark/light mode toggle
- Tech: React, TypeScript, Tailwind CSS, Node.js

TawkTalk — Real-time Chat Application

[Live Demo](#) | [GitHub](#)

- Supported **25+ concurrent users** with **<100ms latency** using Socket.io
- Built **12+ modular React components** with secure JWT authentication
- Developed **10 REST API endpoints** with file upload/download features
- Delivered **100% responsive design** across **5+ screen sizes**
- Tech: React, Node.js, Socket.io, MongoDB, Tailwind CSS

Educational Programming Platform — Full-Stack Web Application

[GitHub](#)

- Designed **3 distinct user roles** with **normalized SQLite schema (8+ tables)**
- Implemented role-based access control for **100+ concurrent users**
- Optimized database queries for **faster load times**
- Tech: Node.js, SQLite3, HTML5, CSS3, JavaScript

## Technical Skills

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- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, React, Node.js
- **Styling:** Tailwind CSS, Responsive Design
- **Databases:** MySQL, MongoDB
- **Tools:** Git, GitHub

## Languages

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Romanian (Native) • English (Professional Working Proficiency)