TUDOR GRĂDINARU

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EDUCATION

Alexandru Ioan Cuza University <div align="right">**Iasi, Romania**</div>
B.S. in Computer Science <div align="right">*Oct 2022 – Jul 2025*</div>
- **Relevant Courses:** Web Technologies, Software Engineering, Computer Networks, Algorithm Design, OOP.

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern <div align="right">**Remote**</div>
Pershing Global Solutions <div align="right">*Nov 2025 – Present*</div>
- Developed scalable web applications using React, TypeScript, and Node.js within an agile international team
- Designing and implementing RESTful APIs to integrate backend services with modern frontend interfaces
- Managing PostgreSQL databases ensuring data integrity and optimizing queries for performance
- Contributing to automation tools and custom plugins for SaaS products, increasing team efficiency

Open Source Contributor <div align="right">**30+ Merged Pull Requests**</div>
Global / Remote <div align="right">*Oct 2025 – Nov 2025*</div>
- **Meson Build System:** Fixed critical RTTI logic bugs for the Intel C++ compiler in this industry-standard build tool used by GNOME and Systemd
- **Meshery (CNCF):** Contributed to the Cloud Native Computing Foundation's service mesh management platform, improving documentation consistency for global adopters
- **Falcon (Python):** Updated dev containers to support Python 3.13, optimizing the environment for this high-performance API framework
- **Bootstrap-Vue-Next:** Implemented new event handling props (mousewheel suppression) for form inputs, enhancing UI accessibility for the Vue ecosystem
- **Weblate:** Developed administrative features to disable contact forms, improving configuration control for this continuous localization platform

Full Stack Developer Intern <div align="right">**Remote**</div>
Business Web Solutions <div align="right">*Oct 2025 – Nov 2025*</div>
- Completed intensive training on React, Python, and Django architecture through real-world scenarios
- Developed a Social Media Platform featuring infinite scroll and async data fetching
- Implemented secure authentication and mastered DOM manipulation for interactive UI components

PROJECTS

Modern E-commerce Platform <div align="right">**Remote**</div>
github.com/TudorGR/Cartify <div align="right">*Aug 2025 – Sep 2025*</div>
- Optimized performance with lazy loading, reducing bundle size by 60% (227KB final bundle)
- Achieved 90+ Lighthouse performance score and 100% accessibility compliance
- *Stack*: React, TypeScript, Tailwind CSS, Context API, Framer Motion, Vite

AI-Powered Calendar (Bachelor Thesis) <div align="right">**Remote**</div>
github.com/TudorGR/licenta-project <div align="right">*Feb 2025 – Jul 2025*</div>
- Developed intelligent calendar app with AI-powered NLP achieving 84% accuracy in command processing
- Integrated Google Generative AI and Groq APIs with voice recognition supporting 5+ languages
- Built secure JWT authentication system and conflict detection algorithms for seamless scheduling
- *Stack*: React 19, Node.js, Express.js, MySQL, Tailwind CSS, Chart.js, Sequelize

Real-time Chat Application <div align="right">**Remote**</div>
github.com/TudorGR/TawkTalk <div align="right">*Dec 2024 – Jan 2025*</div>
- Developed full-stack chat app supporting 25+ concurrent users with <100ms latency via Socket.io
- Implemented secure JWT authentication, file sharing, and persistent message history
- *Stack*: React, Node.js, Express, Socket.io, MongoDB, Tailwind CSS, ShadCN UI

CERTIFICATIONS

Meta Front-End Developer Professional Certificate — Coursera <div align="right">2025</div>

Object-Oriented Programming in Python — Duke University <div align="right">2025</div>

JavaScript Algorithms and Data Structures — freeCodeCamp <div align="right">2023</div>

SKILLS

Skills: React, TypeScript, Node.js, Express.js, REST APIs, Socket.io, MySQL, MongoDB, Tailwind CSS, Git/GitHub workflows.

Languages: Romanian (native), English (Professional Proficiency)