



# Spafiu Dumitru Nicolae

## Contact

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[Danut Spafiu](#)

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## About Me

Passionate about designing, implementing and maintaining technical solutions for a wide range of application systems.

## Skills

### Technical Skills

- Programming Languages:  
Javascript/Typescript,  
Python, Java, C/C++
- Frameworks/Libraries:  
React, React Native,  
Flutter, Node.js, Spring

### Soft Skills

- Problem solving
- Teamwork & Leadership
- Autodidact

## Languages

- English (Bilingual)
- Romanian (Native)

## Experience

### Coordinator | LABS 2025-2026 (17th edition)

**LABS** is a project where over 20 IT&C companies hold **hands-on labs and workshops with students**, that reflect real industry practices.

**As a coordinator**, together with my team, we manage the platform that allows companies to register and present their workshops, also allowing students to sign up and rank their preferred company with its workshop.

My work includes maintaining communication between the companies and student participants, designing promotional materials, organizing schedules, and making sure each workshop is delivered under optimal conditions.

### Technical Department Member | Liga AC (October 2024 - Present)

Inside the **Technical Department** within our faculty's students league, we administer and maintain the league's sites (such as **unihack.eu**, **itec.ro**, **robotec.engineering**), intern platforms and online infrastructure. Also monitoring the servers, managing the data security along with optimizing the systems performance.

We make sure everything tech-related is up to date in a young, dynamic and continuous-learning environment.

### eCatedra

Web application made for teachers that privately tutor students. The app lets them easily manage the meetings schedule by: creating a different profile for each pupil, dividing them into groups, uploading course support/homework, setting events in the calendar for the next meeting and sending reminders via email.

**Built with: React, Typescript, Node.js**

### AI Code Reviewer

A secure AI code review application using Ollama to run open-source LLMs. The tool automates code quality, performance and best-practice checks.

Includes a function to upload your personal/team guidelines so the code will follow the same format.

Built the user-friendly web interface with **Streamlit** and **Python** for rapid prototyping.

### Calmly: Mental Health AI Chatbot

**AI-powered** mental health support chatbot designed to provide empathetic and encouraging responses to users experiencing emotional stress or difficult moments.

Developed from scratch in under 48 hours during the UniHack Hackathon.

Built with **React, Express and Firebase**.

### SmartShake

**Java application** that calculates the number of calories and protein within a calorie/protein shake. Useful for gym enjoyers and amateur sportsmen that want to save time from calculating on their own the values, using a simple application.

## Education

### Politehnica University of Timisoara

2024-present

*Faculty of Automation and Computers  
Bachelor's Degree*

*Started studying for a Bachelor's degree in Computer Science at the Politehnica University of Timisoara after graduating high school in 2024.*

## Contests

**E3UDRES2 2025 Hackathon Winner**

**Unihack 2024-2025 Participant**