

## PROFILE

Creative and versatile student with experience in design, engineering, and technology. Skilled in vector design, 3D modeling, and parametric CAD. Technical background in programming, cybersecurity, robotics, and web development. Experienced in public speaking, leadership, and fundraising, with a strong focus on teamwork and collaboration.

## PERSONAL INFO

**Lazăr Dragoș George**

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## SKILLS



## CERTIFICATES

- C2 Certificate of Proficiency in English
- NASA Space Apps Challenge, 2023: Global Nominee
- Cyber Security Olympiad, 2024: Honorable Mention

## INTERESTS

- Robotics & Artificial Intelligence
- Playing Guitar & Music Creation
- Contributing to Open-Source Projects

## EXPERIENCE

### ByteForce Robotics Club

2023 – 2025  
Programming Department

2022 – 2024  
Branding Department

### PulsarUPB Robotics

2025 – Present  
Programming Department

## EDUCATION

### Vasile Alecsandri National College

2022 – 2025  
Mathematics, Computer Science, English

### Faculty of Automation and Computer Science

2025 – Present  
Automation, Applied Informatics, Intelligent Systems

## PORTFOLIO

### Panels V1

11.06.2025 – Present  
FTControl Panels is an all-in-one dashboard for FTC robots that lets you control OpModes, tune Limelight pipelines wirelessly, record and replay match data, configure variables in real time, visualize telemetry with interactive field and graph tools, and build plugins using Svelte & Kotlin for any feature.

[panels.bylazar.com/](https://panels.bylazar.com/)

### FTC Center Stage Scorer

26.08.2023 – 21.09.2024  
FTC Center Stage Scorer is the fastest way to calculate scores for the First Tech Challenge “Center Stage” season. With a clean interface, real-time updates, and full offline support, it’s built to make scoring simple and reliable on any device.

### PocketBase Dashboard

19.10.2023 – 04.11.2023  
PocketBase Dashboard is a self-hosted, user-friendly interface for managing PocketBase instances. Built around Docker, it provides an easy way to control your data and applications securely while keeping everything on your own server.

[pocketbase.bylazar.com](https://pocketbase.bylazar.com)

### Rover PathPlanner 2025

14.10.2025 – 15.10.2025  
Built a rover terrain planner, starting with a Python A\* prototype (30° constraint). Ported it to Rust with bidirectional A\* and optimizations, doubling performance. Highlights skills in algorithm design, optimization, and cross-language development.

[github.com/lazarcloud/pulsar-2025-submission](https://github.com/lazarcloud/pulsar-2025-submission)

### Gazeta CNVA Website

30.07.2024 – 1.11.2024  
The official digital platform for Gazeta CNVA. A modern content delivery system with a Go backend and SvelteKit frontend, deployed via Docker and GitHub Actions. Integrated with Google Workspaces for seamless collaboration and streamlined content management.

[gazetacnva.ro/](https://gazetacnva.ro/)

### Ai Homepages

28.08.2025 – 31.08.2025  
This is a Rust web application that dynamically generates full HTML5 landing pages using large language models via the Groq API. Each visit can produce a fresh page, with ephemeral storage and automatic cleanup.

[aihomepages.bylazar.com](https://aihomepages.bylazar.com)