

# Hîncu Ștefan

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## EDUCATION

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### Technical University of Cluj-Napoca

October 2022 – July 2026

*Undergraduate, Computer Science and Information Technology*

- **Relevant Courses:** [Data Structures and Algorithms](#), [Object-Oriented Programming](#), Fundamental Algorithms, Databases, Fundamental Programming Techniques, [Operating Systems](#)

## HACKATHONS

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### DevHacks – 1<sup>st</sup> Place

Nov 2022

- Developed [Office Room](#), a team management app, within 24 hours, using [HTML](#), [CSS](#) and [Django](#) for fast development.
- Users can create activities and earn points for attending in-person, encouraging on-site work.
- Learned [Git](#) and strengthened [teamwork skills](#) through collaborative project development.

## PROJECTS

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### Habit Tracker (Cross-Platform Mobile Application) | *Node.js, Express.js, MongoDB, Firebase, Git*

Developed the [REST API](#) of a [mobile application](#) to help users track and improve their daily habits.

- Built habit creation, update and delete features, simplifying habit tracking for users.
- Used [Moment.js](#) to automate daily stats and streaks, giving users instant feedback and motivation.
- Integrated [JWT](#) for secure logins, ensuring smooth and protected multi-device access for users.
- Deployed the [REST API](#) on [Firebase](#) for scalable performance, providing user data protection and smooth operation as the app grows.

### Find Your Lost Pet (Web Application) | *Node.js, Express.js, MongoDB*

Developed the [REST API](#) of a [web application](#) to help users find their lost pets by creating posts and messaging other users.

- Developed [CRUD operations](#) for posts and comments, enabling users to share information quickly.
- Implemented a [messaging system](#), allowing users to easily communicate about lost pets.
- Integrated [email-based password recovery](#) with token validation, giving users a secure and efficient way to reset passwords.
- Learned to implement [JWT](#) for secure login and used [npm](#) packages like [Helmet](#), [express-rate-limit](#) and [xss-clean](#) to protect users and enhance app security.

## SKILLS

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**Programming Languages:** JavaScript, Python, Java

**Web Application Development:** Node.js, Express.js, HTML, CSS

**Databases:** MySQL, MongoDB

**Tools:** Git, Github, VS Code, Postman, Firebase

**Operating Systems:** Unix/Linux

**Soft Skills:** Skilled in [clear communication](#), [teamwork](#) and [quickly learning](#) new programming languages to [solve complex problems](#) in dynamic environments.