

Bogdan Gosa

✉ bogdan.gosa@gmail.com ☎ +40744194407 🌐 bogdangosa.com in bogdan-gosa 📺 bogdangosa

Education

Babeş-Bolyai University

Oct. 2023 – July 2026

Bachelor's Degree in Computer Science

- **Coursework:** Fundamentals of Programming (python), Object-Oriented Programming(C,C++), Databases(SQL), Data Structures and Algorithms(C++), Advanced Programming Methods(Java)

Experience

Let's Cōpe

Aug. 2023 – Present

Frontend Developer

letscope.org [↗](#)

- Developed a mental health platform that offers a wide variety of videos and programs to help you cope.
- Integrated **SimplyMeet API** to offer users weekly coaching sessions.
- Implemented the **Firestore Authentication** and the payment process through **Stripe**.
- Worked on the mobile version of the website in React Native.
- Migrating the project from **React** with Vite to **Next Js**(in progress) for better SEO and speed increase by **80%**, mainly due to server components.

ThinkUp Academy - NGO

Jan. 2022 - Jan. 2023

Frontend Developer and Designer

- Designed and developed a platform that can be used by mentors from this NGO to guide students, as well as hosting the projects built.
- I've collaborated closely with the backend developer to implement all required **CRUD** functionalities, saving the data into **dynamodb**.
- Implemented an authentication system using **auth0** and integrated it inside the **Next Js** framework. Designed the website appearance in **Figma**

Awards

- Bronze medal at the National Informatics Olympiad 2019 (8th grade)
- 1st place at the County Informatics Olympiad 2020 (9th grade)
- **Contests:** **1st** place at the Teensinai Hackathon 2023, **2nd** place in 4IT50 2023, **3rd** place in ITEC Hackathon mobile development 2024, **3rd** place in Hermes Hackathon 2023. (**100% podium rate**)

Projects

Mills Game AI

[github-repo](#) [↗](#)

- Created the game Mills(Nine men morris) in Python using Layered Architecture.
- Changed the console based UI into an API using FastAPI and then developed the UI of the game in React.
- Besides the P v P functionality I developed an AI that would evaluate a board position and assign it a score, it would then look at the next possible positions and assign them a score as well. With a decent depth to this algorithm It made it mostly unbeatable.
- Tools Used: Python, JavaScript, React

EduLearn

[github-repo](#) [↗](#)

- Me and a team of students designed and developed an app that helps kids with disabilities learn simple stuff in a fun and interactive way. This project was made in a competition that had a partnership with a school for kids with disabilities. It was built in React Native and for user progress we used SQLite. It was one of my first interactions with React Native and I learnt a lot by building this app. We managed to win 2nd place.

- Tools Used: React Native, SQLite

The website of the National Olympiad of English, French and Romance Languages 2023

[website link](#) 

- I've designed and implemented the website used for the organisation of the national olympiads of English, French and Romance Languages held in Cluj in 2023. For this websites I had to use Wordpress, and for the design I used Figma. Even though It wasn't such a complex website, I'd say it was an important project in my journey as a developer.
- Tools Used: WordPress, Figma

Technologies

Languages: C++, Javascript, Typescript, Python, C#, SQL, Java.

Frameworks: React JS, Next JS, React Native, Qt

Languages

Roumanian: (native)

English: C1 level - Score 198