



Catalin Sandu

Nationality
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11.01.1999 / Sibiu

Contact



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About me

I am a student in the final year at "Lucia Blaga" University of Sibiu - Faculty of Engineering. Creativity, perfectionism and ambition, along with a keen eye for detail, are the main characteristics that make me want to do everything I do as well and good looking as possible.

I am passionate about graphic design and software development and that is why I am attracted to front-end development.

Projects

→ Social media web application

I built a social media web application for artists and designers for the bachelor's degree final project. In this application people can create and log into a user account. Once logged in, the user can post images of their work and can also edit the posts. Users can edit their personal profile, they can interact with other users through comments and likes on posts, private messages and they can follow/unfollow each other.

For the development of the project I used the MERN stack which stands for: MongoDB, Express JS, React, Node JS. I chose it because all these technologies are open-source, meaning that the development cost was minimum and it contains the whole cycle of web development.

Developing this application I learned how to use React for the client side, Node JS for the server, a non-relational database such as MongoDB and I also found out what it means to build a fullstack web application.

→ Online store

In the second year of university I built an online store. The technologies that I used were HTML, CSS and PHP. The products and the user accounts were stored in a relational database. There were two types of users: customers and administrators. As a customer you could only buy products, but as an administrator you could add/edit/delete products, because the administrators had access to the database (they could perform CRUD operations).

This project helped me gain a better understanding of the technologies mentioned above and I also learned how to use a relational database.

Education and training

2018 - Current

Bachelor's degree in Multimedia Systems Engineering

"Lucian Blaga" University of Sibiu - Faculty of Engineering

Favourite subjects during my university years:

- > **Computer Science Fundamentals**, prof. Ioana Cofaru
- > **Data Structures and Algorithms**, prof. Stelian Ciurea
- > **WEB Technologies**, prof. Radu Cretulescu
- > **Object Oriented Programming**, prof. Macarie Breazu
- > **WEB Technologies II**, prof. Radu Cretulescu
- > **Game Development**, prof. Pitic Antoniu

Field of study

- > Multimedia Systems Engineering

2014 -2018

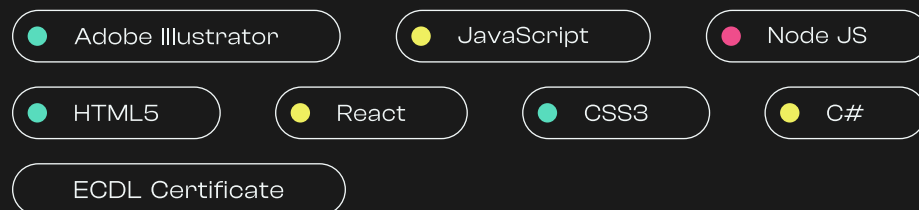
Certificate of professional competence

"Onisifor Ghibu" High School

Field of study

- > Mathematics and Informatics

Digital skills



Proficiency levels

● Basic ● Intermediate ● Advanced

Language skills

Mother tongue

Romanian

Other languages

English

Listening

C1

Reading

C1

Spoken
production

C1

Spoken
interaction

C1

Writing

C1

Communication and interpersonal skills

- > Cambridge English Level 2 Certificate in ESOL International (Advanced)

Volunteering

01/07/2019 - 07/07/2019

Sibiu International Street Art Festival

I helped artists with murals' painting