



MIRIAM ROMANIUC

SOFTWARE DEVELOPER

WORK EXPERIENCE

12 / 2023 – 08 / 2024

Full Stack Developer

Freelancing

- Developed a full-stack web application from concept to fully functional product and subsequent improvements, gaining a total of over 100 active users to date.
- Implemented Next.js technologies for SSR and SEO optimizations, React for a dynamic interface, Tailwind CSS for flexible and modern styling and MongoDB for efficient data storage, ensuring performance and scalability.
- Provided an automated and secure payment and authentication flow by using Clerk and Stripe alongside with their webhooks

CONTACT



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Baia Mare, Romania



<https://github.com/miriampaula>

LANGUAGES

Romanian Mothertongue

English - C1

Spanish - C1

Catalan - B2

SKILLS

Digital Skills

NextJS | ReactJS | MongoDB
MySQL | TypeScript | Python
Flask | TailwindCSS | PHP

TRAINING

07 / 2023 – 08 / 2023

React Course

Indeco Soft

- Acquired knowledge of React.js, including JSX syntax, component management, properties, state, and understanding the component lifecycle.
- Used Tailwind CSS for efficient and responsive styling of interfaces.
- Implemented TypeScript in the development of serverless functions, ensuring strict typing and improving code quality.
- Integrated serverless functions with the MySQL database for data management and access.

ACHIEVEMENTS

24.05.2024 - 26.05.2024

Challenge Winner

Cluj Hackaton

- Won, alongside my team, The Challenge of AI for the Environment at the Cluj Hackaton.
- We developed an app that created the most optimal routes for waste disposal trucks for a given city using genetic algorithms.

20.05.2024 - 24.05.2024

1st place HACKATON-AI

XGEN Scientific Conference 2024

- Won, alongside my team, the AI Hackaton organized during the 2024 XGEN conference.
- We developed an app meant to recognize fake news and give a percentage of accuracy, combining Artificial Intelligence Predictions with a "Human in The Loop" approach, where there was also an interface for an expert to approve or disapprove certain news.
- We also developed 2 extensions, 1 that checked the accuracy of YouTube Videos content in real time, and 1 that checked the accuracy of the text selected from any web platform.

20.05.2024 - 24.05.2024

3rd Place in Medical Informatics

XGEN Scientific Conference 2024

- Won 3rd place in the Medical Informatics R&D section of the XGEN International Conference on Science Communications with my app, designed to create and manage meal plans and workout plans for personalized health management.
- The app is currently under further development, with plans to launch it to the public soon. It aims to help individuals achieve their health and weight goals more effectively and gain a better understanding of these topics.

TRAINING

03 / 2023 – 05 / 2023

Java & Android Workshop

Cognizant

- Explored the principles of OOP (Object-Oriented Programming) in the context of developing a Java/Android application.
- Applied multithreading technologies to improve the performance and efficiency of the application.
- Integrated and consumed REST APIs for efficient communication between client and server in the developed application.
- Used H2 databases along with JPA (Java Persistence API) for the efficient and persistent management of data.

EDUCATION

07 / 2024 – PRESENT

Master of Software Engineering

Technical University of Cluj-Napoca

09 / 2021 – 07 / 2024

Bachelor of Computer Science

Technical University of Cluj-Napoca

09 / 2017 – 07 / 2021

High School Diploma in Economic Activities (Accounting)

I. G. Andron Technological High-School