Radu-Sabin Neaca

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👤 **GitHub:** https://github.com/Radu309

🌐 **Website:** https://radu309.github.io/my-portfolio/

📍 **Home:** Cluj-Napoca (Romania)

ABOUT ME

I have a bachelor's degree in Computer Science and **five months** of experience in the field. I am currently looking for job opportunities and pursuing a master's degree in Economic Informatics. I have a strong foundation in software development, with a focus on building efficient and scalable solutions, and I am eager to apply my skills in a professional environment.

WORK EXPERIENCE

Software Engineer

ISERVIT CBR SRL [01/08/2023 – 01/11/2023]

City: Cluj-Napoca | **Country:** Romania

• Developing and maintaining Spring Boot application.
• Writing Clean, Efficient, and Scalable Code.
• Designing and Developing Software Solutions: Architecting and implementing new software features.
• Implemented real-time user notifications using WebSockets and RabbitMQ, ensuring efficient message delivery and system responsiveness.
• Gained experience in collaborative development, working in a team with tasks managed through Git workflows.

Java Internship

ISERVIT CBR SRL [01/07/2023 – 01/08/2023]

City: Cluj-Napoca | **Country:** Romania

• Developing and maintaining Java application.
• Learning and implementing new technologies.
• Implementing authentication and authorization. Integrating user authentication using JWT (JSON Web Token), OAuth, and cookies to secure user sessions and manage access control.
• Debugging and troubleshooting: Identifying bugs and resolving issues in Java applications, both independently and as part of a team.
• Working with databases. Interacting with databases to retrieve and manage data, including implementing ecient queries and optimizing data flow.

EDUCATION AND TRAINING

Master Degree

Babeș-Bolyai University [30/09/2024 – Current]

City: Cluj-Napoca | **Country:** Romania | **Website:** https://www.ubbcluj.ro/ro | **Field(s) of study:** E-Business

Bachelor's Degree

Technical University of Cluj-Napoca [30/09/2020 – 15/06/2024]

City: Cluj-Napoca | **Country:** Romania | **Website:** https://www.utcluj.ro | **Field(s) of study:** Computer Science

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2
SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

DIGITAL SKILLS

Computing Foundations

Special Mathematics (probabilities & graphs) / Relational Databases: SQL / Data Structures and Algorithms / Digital System Design / Linear Algebra / Software design / Linux system programming / Object-oriented-programming / Cloud Computing / Distributed Systems

Technical Skills

C/C++ / Python / Java / Git / React / SpingBoot / REST API's / Web-sockets / SQL / NSQL / .Net / RabbitMQ / C# / gRPC / SignalR / REST API / Blender / CSS/HTML / JUnits / Docker / JavaScript / Google Cloud

PROJECTS

Game Shop Online
This project is an online video game store designed with focus on security, real-time communication, and a microservices architecture.
Technologies: ASP.NET Core, SignalR, gRPC, MVC Architecture.

Pancreas and Pancreatic Tumor Segmentation
Developed a medical imaging application used for segmenting the pancreas and pancreatic tumors from CT images.
Technologies: PyTorch, U-Net architecture.

Photographer Website
Developed a static portfolio website for a photographer, hosted on Cloudflare, to showcase their work and services.
Technologies: React, Javascript, HTML/CSS.

Integrated Energy Management System
The project activity involves creating an integrated system by connecting the microservices developed, deploying them on a virtualized infrastructure, and ensuring security features are in place.
Technologies: Spring Boot, Java, React, Docker, RabbitMq, Web-Sockets.

Tic-Tac-Toe Game
Developed a Tic-Tac-Toe game using React and implemented the MinMax algorithm for AI gameplay. The project offers an engaging gaming experience with a responsive design and intuitive user interface.

Food Delivery
The application allows users to browse restaurants, place orders, and track deliveries.
Technologies: ASP.Net Core Mvc, C#, SQL.