



# Radu-Sabin Neaca

**Nationality:** Romanian **Date of birth:** 30/09/2001

**Phone number:** (+40) 773335292 **Email address:** [neaca.radu309@gmail.com](mailto:neaca.radu309@gmail.com)

**LinkedIn:** <https://www.linkedin.com/in/radu-neacă-846616235/>

**Website:** <https://github.com/Radu309>

**Home:** Cluj-Napoca (Romania)

## ABOUT ME

I have a bachelor's degree in Computer Science and experience in the field. I am currently looking for job opportunities and pursuing a master's degree in Economic Information Technology. 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 Developer

**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.
- Implementing New Functionalities. Developing and integrating new features into existing software systems, such as adding new API endpoints, expanding database schemas, and implementing third-party integrations.

### 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 efficient queries and optimizing data flow.

## 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 / SpringBoot / REST API's / Web-sockets / SQL / NSQL / .Net / RabbitMQ / C# / gRPC / SignalR / REST API / Blender / CSS/HTML / JUnits / Docker / JavaScript / Google Cloud

## EDUCATION AND TRAINING

### Master Degree

*Babeş-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

## 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.