

## About me

Computer Science graduate and AWS Certified Solution Architect - Associate ([view](#)), seeking software development roles with a particular interest in cloud and backend development. Currently expanding my skill set with Docker and Kubernetes.

## Skills

- AWS (S3, CloudFront, Route53, API Gateway, Lambda, DynamoDB, Elastic Beanstalk, RDS, IAM)
- Java, Spring Boot, Python, SQL, React, Axios, CI/CD, Git

## Experience

### Software Engineering Associate (Project-Based) – Raiffeisen Bank & University Initiative

2025 January - April

- Worked as a Back-End Developer, focusing on building scalable services using Java Spring Boot and Hibernate/JPA.
- Developed and integrated core APIs to support sentiment analysis, voice transcription, and conversational AI components.
- Utilized technologies such as Java Spring Boot, Hibernate, REST APIs, LangChain, GPT-4.
- Contributed to a decision-support system that analyzes emotional biases in financial behavior, helping users make rational investment decisions.
- Ensured clean architecture and data persistence for real-time emotional profiling, audio processing, and personalized financial recommendations.

### Internship at Msg Systems as ABAP Developer

2024 July - August

- Developed strong ABAP OO skills, with extensive experience as an SAP S/4 HANA Full Stack Developer.
- Worked with technologies such as SAP ABAP OO, BOPF, CDS Views, OData Services, ABAP RAP and Fiori.
- Analyzed codebases and developed technical solutions using the ABAP Workbench Toolset.
- Contributed to a customer itinerary management application for tourism companies, improving operational efficiency.

## Education

### Faculty of Mathematics and Computer Science at Babes-Bolyai University

2022 - 2025 Cluj-Napoca, Romania

## Personal Projects

### Full-Stack E-Commerce Platform | [live](#) | [article](#) | [github](#)

AWS (S3, CloudFront, Elastic Beanstalk, RDS) | Java | JWT | Stripe | React | Tailwind CSS | MySQL

- Built a RESTful API with Spring Boot and Spring Security using JWT and role-based access control (User/Admin).
- Integrated Stripe payments with webhook verification and managed db migrations with Flyway; used MapStruct for DTO mapping and @EntityGraph to avoid N+1 issues.
- Developed a React SPA with silent token refresh via Axios interceptors, and protected routing.
- Deployed frontend to S3/CloudFront, backend to Elastic Beanstalk and RDS for the database.
- Set up CI/CD pipeline using GitHub Actions for automated build, S3 deployments, and CloudFront.

### Personal Resume Website | [live](#) | [github](#)

AWS (S3, CloudFront, Lambda, DynamoDB, API Gateway, Route53) | React | Tailwind CSS

- Deployed static assets from a private S3 bucket via CloudFront with OAC, DNS and SSL managed through Route53 and ACM.
- Implemented serverless visitor counter using API Gateway, AWS Lambda (Python), and DynamoDB.
- Set up CI/CD pipeline using GitHub Actions for automated build, S3 deployments, and CloudFront.

### Client Appointment Tracker using Java | [github](#)

- Designed a flexible architecture supporting multiple data storage backends (text files, binary files, and SQL database).
- Integrated a settings.properties configuration file for runtime selection of storage backends and file/database locations.
- Implemented full CRUD for patient and Appointment entities with overlap validation.
- Delivered both a JavaFX GUI and a CLI.