



Vădean Flaviu-Alexandru

📍 Cluj-Napoca, Romania

✉ vadean.flaviu.alex@gmail.com

🌐 linkedin.com/in/alexvad/

☎ 0757371684

🔗 vadean-alex-portfolio.netlify.app/

🐙 github.com/VadeanFlaviuAlexandru

Through computer science, I've been able to combine my deep appreciation for both technology and art.

Experience

Intern - Full Stack Web Developer

07/2024 – 08/2024

FundMore.ai

- Created new features and fixed bugs for a startup using Angular, Nest.js, Sequelize, AWS, and TypeScript.
- Contributed to the expansion of a **custom machine learning model** using **Google's Vertex AI**.

Intern - Full Stack Web Developer

04/2023 – 08/2023

Cicada Technologies

- Developed and tested components and features for Next.js projects, while also handling backend development using Python, REST APIs, and PostgreSQL.
- Designed and implemented a web application using **Python that utilizes AI** to extract specific data from given PDF files and **calculate probabilities** based on provided Excel files, alongside **studying the technology**.
- **Built a Python tool** for extracting and exporting data from Trello boards into Excel files.

Projects

Povestea lui Harap-Alb

(React Router, React Redux, Phaser, Material UI, Spring Boot, PostgreSQL)

- A **full-stack, pixelated, top-down 2D web game** inspired by 'Povestea lui Harap-Alb' for my bachelor thesis.
- User-friendly UI made with React, and authentication implemented using Spring Boot and Spring Security.
- Various mini-games let players earn high scores and appear on the leaderboards, with all data stored in PostgreSQL.

TerraTech

(React Router, React Redux, TypeScript, Spring Boot, PostgreSQL)

- A full-stack web application using React and Spring Boot, featuring authentication with distinct user roles implemented through Spring Security, including Admin, Manager, and Employee.
- Each role comes with unique restrictions, with a primary focus on implementing user-friendly CRUD operations and providing comprehensive statistics across multiple teams.

Gordon Ramsay Simulator

(Next.js, Artificial intelligence, Large Language Models)

- An image identification system using **free large language models and embeddings**, enabling users to provide the image.

Education

Faculty of Mathematics and Computer Science

2020 – 2023

Babes-Bolyai University

- Gained a strong foundation in **object-oriented programming** and **database management** concepts.
- Covered the basics in various programming languages and tools, including Python, C++, Java, and SQL.

Courses

DevOps Engineer

05/2024 – present

Nenos Academy

- Currently participating in the inaugural edition of the Nenos Academy DevOps Engineer course, with a focus on utilizing **Microsoft Azure services**, including virtual machines, DevOps, CosmosDB, and Kubernetes.

Technical (IT) Skills

Tools

Visual Studio, PyCharm, Visual Studio Code, IntelliJ, Postman, Docker

Database Management

MSSQL, PostgreSQL

Programming Languages

JavaScript, TypeScript, Java, Python

Frameworks and Libraries

React, Next.js, Angular, Nest.js, Spring Boot, Material UI, JUnit 5, Mockito

Cloud Services

Amazon Web Services (AWS), Microsoft Azure

Soft Skills

Communication, Teamwork, Flexibility, Problem Solving, Open-mindedness

Interests

Programming, Game development, Content creation, Technology

Languages

English

Cambridge English: Advanced (C1)

Italian

A1