Mihai-Alexandru Hutan

Software Engineer

I am a final-year computer science student at University of Bucharest, Romania, with a passion for programming and a keen interest in **machine learning** and **web development**. Throughout my academic journey, I've honed my skills in various facets of computer science, positioning myself to excel in the dynamic world of technology. Having played handball for nine years on a high-performing team, I understand the value of **teamwork**, **communication**, and **determinatio**n in achieving collective goals.

✉ hutanmihai29@gmail.com

📍 Bucharest, Romania

🔗 github.com/hutanmihai

📱 0733877396

in linkedin.com/in/hutanmihai

WORK EXPERIENCE

Junior Software Engineer
Capgemini Engineering

07/2022 - 05/2023   *Bucharest (Remote), Romania*

Achievements/Tasks

- Began my journey at Capgemini Engineering as an Intern and after two months I was promoted to the position of a Junior.
- Initiated and executed projects from inception, leveraging **Docker** for efficient containerization and establishing robust **CI/CD Pipelines** for both **deployment** and **testing**. Developed, **documented** and **tested RESTful APIs** to facilitate seamless collaboration with the frontend team.
- Proficiently processed and filtered substantial volumes of data received from data engineering teams, ensuring the delivery of comprehensible and industry-standard APIs.
- Contributed to projects utilizing a technology stack comprising **Docker**, **FastAPI**, **Django**, **SQLAlchemy**, **Alembic**, **PostgreSQL**, **Poetry** and **Pytest.**

EDUCATION

Bachelor of Computer Science
University of Bucharest

10/2021 - Present   *Bucharest, Romania, GPA 8/10*

Courses

- I am a member of the performance group, benefiting from a full scholarship throughout my university journey.
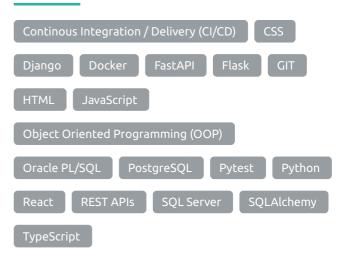- During my Bachelor's degree, I took part in a lot of interesting subjects that broadened my knowledge. Some of them include Data Structures, Advanced Algorithms, Object-Oriented Programming, Operating Systems, Artificial Intelligence and Advanced Databases.

Mathematics and Computer Science
National College "Gheorghe Lazar"

09/2017 - 05/2021   *Bucharest, Romania, GPA 9.5/10*

SKILLS

Continous Integration / Delivery (CI/CD)   CSS   Django   Docker   FastAPI   Flask   GIT   HTML   JavaScript   Object Oriented Programming (OOP)   Oracle PL/SQL   PostgreSQL   Pytest   Python   React   REST APIs   SQL Server   SQLAlchemy   TypeScript

PERSONAL PROJECTS

Calorie Tracker Backend (05/2023 - 06/2023)

- Developed the backend infrastructure for a React Native application, specializing in a calorie tracking feature similar to a simplified version of MyFitnessPal. Demonstrated a commitment to adhering to industry best practices in code quality and architecture. Notably, this project marked my inaugural endeavor in constructing a backend architecture from the ground up.

Brain Anomaly Detection (03/2023 - 04/2023)

- As a participant in a Kaggle competition hosted by my university's Artificial Intelligence course, I successfully created a binary classification model designed to identify brain anomalies within CT scans. This model helped me obtain the 8th place out of 128 students.

FullStack Caffe App (12/2022 - 01/2023)

- Designed and developed a compact website for a cafe featuring user authentication and authorization functionalities. The administrator enjoys the capability to manage and update the displayed product offerings, while users can see the cafe's available products.

LANGUAGES

English
Full Professional Proficiency

Romanian
Native or Bilingual Proficiency