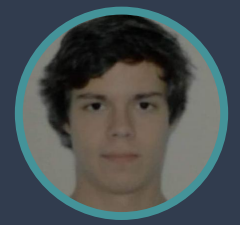


# Alexandru-Mihail Marinescu



I am a calm, responsible and organized person. I enjoy taking on new challenges and I am punctual when it comes to a deadline. I try to usually be realistic and I am passionate about understanding things better, especially technology.

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📍 Bucharest, Romania

🐙 github.com/Karjhan

📞 0732976088

🌐 linkedin.com/in/alex-marinescu-506b57280

## PERSONAL PROJECTS

### Mental Health Text Classification - NLP

<https://github.com/Karjhan/NLP-Text-Classification>

*It's a simple mental health text classifier which follows a 2 layer decision architecture, done as PoC.*

### Pizza With Everything

<https://github.com/Karjhan/PizzaCuDeToate-React-ASP.NET>

*A fullstack web application using ASP.NET Core and React which hosts a food delivery/ restaurant website, with pizza and kebab as the main dishes.*

### Blazor Microfrontend

<https://github.com/Karjhan/Blazor-Microfrontend-PoC>

*This is a simple microfrontend project about different animal charities options. The main purpose was to discover more about the Blazor integration in the microfrontend architecture.*

## EDUCATION

### Artificial Intelligence

Faculty of Mathematics and Informatics ,  
University of Bucharest

09/2024 - 09/2026

Bucharest

#### Courses

- Computer Vision
- Knowledge Reason & Representation
- Probabilistic Programming
- NLP
- Practical Machine Learning
- Biomedical NLP

### Mathematics

Faculty of Mathematics and Informatics ,  
University of Bucharest

09/2019 - 09/2022

Bucharest

#### Courses

- Procedural programming
- Numerical Calculation Techniques
- Differential Equations
- Linear Algebra
- Mathematical Modelling of Material Systems
- Probabilities and Statistics

### Chemistry (with Forensic Science)

South Wales University

09/2018 - 06/2019

Pontypridd and Cardiff

## SKILLS

Numerical Analysis

Probability Theory

AWS

Linear Algebra

Entity Framework

ASP.NET

C#

Python

Tensorflow

PostgreSQL

MongoDB

TypeScript

Next JS

React Vite

React

JS

HTML

Git

Docker

OpenCV

## WORK

### IRIS - Software Engineer (11/2023 - Present)

- Initially started with feature and maintenance work on an internal ETL platform built on microservices with reporting capabilities.
- Because of the legacy code and poor architecture, we migrated on a more scalable distributed solution using various AWS services. The end client is Elements AP platform, directed towards business and accountants

### Codecool - Full Stack Developer (06/2022 - 07/2023)

- The main objective was simulating a real software development workplace, in particular web application development.
- Development was done in an Agile environment employing the Scrum methodology, each sprint consisting of one week and using various technologies: MERN stack, ASP.NET, etc.

## LANGUAGES

Romanian

*Native or Bilingual Proficiency*

English

*Full Professional Proficiency*

French

*Elementary Proficiency*

## INTERESTS

Machine Learning

Technology

Cryptography

Puzzles

Sport

TV Series

Movies

Games

IT Solutions

Distributed Systems