






# Matei-Gabriel Robescu

 mateirobescu.com  
 mateirobescu

 matei.robescu@gmail.com  
 matei-robescu

 +40 743 000 001  
Bucharest, Romania

## Education

### Faculty of Cybernetics, Statistics and Economic Informatics

Oct. 2024 – Aug. 2027 (expected)

Bachelor's degree in Computer Science

Bucharest, RO

- **Relevant Coursework:** Data Structures, Algorithms, Object Oriented Programming, Database Systems, Operating Systems, Statistics.

## Projects

### Weather Data ETL Pipeline

Nov. 2025 – Dec. 2025

Data Engineer

- Built a serverless AWS ETL pipeline using Lambda, S3, DynamoDB, and RDS, managing the entire infrastructure as code (IaC) with Terraform.
- Architected a daily ingestion workflow where a trigger invokes Lambda to retrieve city metadata from DynamoDB and fetch weather API data, storing raw JSON payloads in S3.
- Implemented data transformation logic using Lambda to parse raw S3 objects and persist structured weather records into RDS MySQL.
- Developed a React frontend with TypeScript to interface with the pipeline, allowing users to fetch processed data and download CSV reports.

### mateirobescu.com Personal Portfolio

Aug. 2025 – Oct. 2025

Full Stack Web Developer

- Developed a full-stack portfolio web app using Python and Django, creating a responsive frontend with JavaScript, HTML and SCSS.
- Orchestrated a CI/CD pipeline using GitHub Actions to automate testing, linting, and deployment of Dockerized containers to AWS EC2.
- Integrated PostgreSQL for structured data storage and Cloudinary for optimized media management, implementing reCAPTCHA v3 and a custom NLP pipeline to filter spam emails.

### amr.io

Oct. 2025

Front-end Developer

- Developed a fast, minimalist countdown web app using React and Vite, leveraging custom hooks for state management.
- Implemented Local Storage integration to persist user-configured deadlines across browser sessions.
- Designed a responsive, mobile-first interface focused on accessibility and speed, utilizing modern CSS practices.

## Technical Skills

**Programming Languages:** Python, C/C++, Java, JavaScript, TypeScript, SQL, Bash

**Web Technologies:** Django, React, HTML, CSS

**Cloud:** AWS Lambda, Amazon S3, Amazon RDS, DynamoDB, EC2

**DevOps:** Linux, Docker, Terraform, Git, CI/CD, GitHub Actions

**Databases:** MySQL, PostgreSQL, Oracle, DynamoDB

## Achievements & Certifications

**Winner** - Realisti fără egal, edition XI, Informatics discipline

Apr. 2024

- Collaborated in a multidisciplinary team to design and develop comprehensive test subjects across various academic fields, securing 1st place in the Informatics category.

**Participant** - Innovative Evaluation Methods, University of Bucharest

Apr. 2024

## Languages

**Romanian:** Native

**English:** Fluent

**French:** Intermediate