Matei-Gabriel Robescu

🌐 mateirobescu.com   ✉ matei.robescu@gmail.com   📞 +40 743 000 001

○ mateirobescu   in matei-robescu   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, 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: Oracle, MySQL, PostgreSQL, DynamoDB

Achievements & Certifications

Winner - Realiști 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