

Andrei Munteanu

## Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

## Foreign Languages

- English: C1
- French: B2
- Spanish: A2

## Education

- University Name: University Politehnica of Bucharest
- Program Duration: 4 years
- Master Degree Name: University Politehnica of Bucharest
- Program Duration: 2 years

## Certifications

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure AI Fundamentals

## Project Experience

### 1. Machine Learning Model Deployment

Developed and deployed a machine learning model using Python and TensorFlow on AWS

SageMaker. The project involved building a predictive analytics tool that processes large datasets to forecast sales trends. Utilized Docker for containerization, ensuring consistent environments across development and production stages. This deployment improved the accuracy of sales predictions by 20%, aiding in strategic decision-making.

Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

## 2. Interactive Web Application for Data Visualization

Created an interactive web application using JavaScript and ReactJS to visualize complex datasets in real-time. The application was designed to help users easily interpret data trends and patterns through dynamic charts and graphs. Integrated PostgreSQL for efficient data storage and retrieval, enhancing the application's performance and responsiveness. This project improved user engagement by providing intuitive and interactive data insights.

Technologies and tools used: JavaScript, ReactJS, PostgreSQL.

## 3. User-Centric Mobile App Design

Designed a mobile application interface with a focus on user experience using Figma and Adobe XD. Conducted extensive user research and usability testing to refine the design, ensuring it met user needs and expectations. Collaborated closely with developers to translate design mockups into functional app features, resulting in a seamless and engaging user experience. This project highlighted the importance of iterative design and user feedback in product development.

Technologies and tools used: Figma, Adobe XD.