

Alexandru Mihailescu

## Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

## Foreign Languages

- English: C1
- Spanish: B2
- French: 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 Machine Learning Specialty
- TensorFlow Developer Certificate
- Microsoft Certified: Azure Solutions Architect Expert

## Project Experience

1. Machine Learning Model Deployment on AWS SageMaker

Developed and deployed a machine learning model for predictive analytics using Python and TensorFlow, hosted on AWS SageMaker. Leveraged Docker for containerization to ensure consistent environments across development and production stages. The project improved prediction accuracy by 25% and reduced deployment time by 40% through automated CI/CD pipelines. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, GitLab CI/CD.

## 2. Interactive Web Application Development

Created an interactive web application using ReactJS and JavaScript to enhance user engagement for an online learning platform. Implemented dynamic content rendering and state management, resulting in a 50% increase in user interaction. Integrated PostgreSQL for efficient data management and real-time updates, ensuring seamless user experience. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Redux, Webpack.