

Andrei Mihailescu

## Professional Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

## Foreign Languages

- English: C1

- Spanish: B2

## Education

- University Name: University Politehnica of Bucharest

- Program Duration: 4 years

- Master degree Name: University Politehnica of Bucharest

- Program Duration: 2 years

## Certifications

- TensorFlow Developer Certificate, AWS Certified Machine Learning Specialty, Microsoft Certified:  
Azure AI Engineer Associate

## Project Experience

### 1. Machine Learning Model Deployment

Spearheaded a project to deploy a machine learning model using Python and TensorFlow, enhancing predictive analytics capabilities for the organization. Collaborated with a cross-functional

team to integrate the model into existing systems, ensuring seamless operation and scalability. Utilized AWS SageMaker for efficient model training and deployment, achieving a 30% improvement in processing speed.

## 2. Web Application Development

Led the development of a dynamic web application using JavaScript and ReactJS, improving user engagement and interface responsiveness. Worked closely with designers to implement UI/UX enhancements, leveraging SQL and PostgreSQL for robust data management. The project resulted in a 25% increase in user satisfaction and a 15% boost in site traffic.

## 3. Data Visualization and Reporting Tool

Designed and implemented a data visualization tool using Python and JavaScript, enabling stakeholders to gain insights from complex datasets. Coordinated with data analysts to ensure accurate representation of data trends and patterns. The tool facilitated strategic decision-making, reducing the time to generate reports by 40%.