

Mihai Dobreanu

## Professional 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

- TensorFlow Developer Certificate, AWS Certified Machine Learning Specialty, Certified Kubernetes Application Developer (CKAD), Adobe Certified Expert (ACE)

## Project Experience

### 1. AI-Powered Customer Insights Platform

Led a team of data scientists and developers to create an AI-driven platform using Python and

TensorFlow, enhancing customer insights for a retail client.

Integrated AWS SageMaker for scalable model deployment and Docker for seamless application management.

The platform improved customer segmentation accuracy by 30%, enabling targeted marketing strategies.

## 2. Interactive Web Application Development

Spearheaded the development of a dynamic web application using JavaScript and ReactJS, aimed at improving user engagement for an e-commerce site.

Collaborated with UI/UX designers utilizing Figma and Adobe XD to create an intuitive user interface.

The application increased user interaction by 25% and reduced bounce rates by 15%.

## 3. Cloud-Based Data Analytics Solution

Designed and implemented a cloud-based data analytics solution leveraging SQL and PostgreSQL for a financial services company.

Utilized AWS SageMaker for advanced data processing and Docker for containerized deployment, ensuring high availability and scalability.

This solution enhanced data processing speed by 40%, providing real-time insights for strategic decision-making.