

Radu Florentin Albescu

## Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

## 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

- AWS Certified Machine Learning Specialty
- TensorFlow Developer Certificate
- Docker Certified Associate

## Project Experience

### 1. Predictive Maintenance System

Developed a predictive maintenance system using Python and TensorFlow to analyze equipment

sensor data and predict potential failures. Leveraged AWS SageMaker for model training and deployment, ensuring scalable and efficient processing of large datasets. Implemented Docker containers to streamline the deployment process and facilitate seamless integration with existing infrastructure. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

## 2. Interactive Dashboard for Data Visualization

Created an interactive web-based dashboard using ReactJS and JavaScript to visualize complex datasets for business intelligence purposes. Integrated PostgreSQL to manage and query large volumes of data efficiently, providing real-time insights into key performance metrics. Collaborated with stakeholders to design intuitive user interfaces using Figma and Adobe XD, enhancing the overall user experience. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma, Adobe XD.