

Adrian Matei Negru

## Technical 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

- AWS Certified Machine Learning Specialty

- TensorFlow Developer Certificate

## Project Experience

### 1. Predictive Maintenance System for Manufacturing

Developed a predictive maintenance system using Python and TensorFlow to analyze sensor data from manufacturing equipment. The system utilized machine learning models to predict equipment

failures, reducing downtime by 25%. Deployed the solution on AWS SageMaker, leveraging Docker for containerization to ensure seamless scalability and integration. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

## 2. Interactive Dashboard for Sales Analytics

Created an interactive sales analytics dashboard using ReactJS and PostgreSQL to visualize key performance metrics. The dashboard provided real-time insights into sales trends and customer behavior, enabling data-driven decision-making. Implemented complex SQL queries to optimize data retrieval and ensure efficient performance. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL.