

Andrei Clin Dumitrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1
- Spanish: B1
- 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
- Docker Certified Associate

Project Experience

1. Predictive Maintenance System

Developed a predictive maintenance system using Python and TensorFlow, leveraging AWS SageMaker for model training and deployment. The system analyzes real-time data from IoT sensors to predict equipment failures, reducing downtime by 25%. Docker was utilized to containerize the application, ensuring consistent deployment across different environments. 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 stored in PostgreSQL. The dashboard provides real-time insights into key performance indicators, enhancing decision-making processes for business stakeholders. Implemented SQL queries to efficiently retrieve and manipulate data, and used Figma for designing the user interface, ensuring a seamless and intuitive user experience. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Figma.