

Andrei Mihailescu

Technical 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

- AWS Certified Machine Learning - Specialty
- Certified Kubernetes Administrator
- TensorFlow Developer Certificate

Project Experience

1. Predictive Analytics Platform Development

Led the development of a predictive analytics platform using Python and TensorFlow, designed to forecast sales trends for retail clients. Implemented machine learning models that improved prediction accuracy by 25% over previous methods. 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 Data Visualization

Developed an interactive web-based dashboard using ReactJS and JavaScript to visualize complex datasets for a financial services company. Integrated PostgreSQL as the backend database to efficiently handle large volumes of transactional data. Collaborated with the design team to enhance user experience, utilizing Figma and Adobe XD for prototyping and design consistency. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Figma, Adobe XD.