

Andreea Mirela Dobre

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
- Docker Certified Associate
- TensorFlow Developer Certificate

Project Experience

1. Predictive Analytics Platform Development

Led the development of a predictive analytics platform using Python and TensorFlow, designed to

provide real-time insights for retail businesses. Implemented machine learning models to forecast sales trends, achieving a 20% improvement in prediction accuracy. 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 Web Application for Data Visualization

Developed an interactive web application using JavaScript and ReactJS to visualize complex datasets for financial analysts. The application featured dynamic charts and graphs, allowing users to manipulate data in real-time for better decision-making. Optimized backend performance with PostgreSQL, ensuring efficient data retrieval and processing. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, D3.js.