

Andrei Mrginean

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
- 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, aimed at enhancing customer insights for a retail client. 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 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 to manage and query large volumes of data efficiently, providing real-time insights into financial metrics. Collaborated with UI/UX designers using Figma to create an intuitive user interface that enhanced user engagement by 30%. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma.