

Mihai Dnu Radu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- Spanish: B1

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

- Certified Kubernetes Administrator

Project Experience

1. Machine Learning Model Deployment on AWS SageMaker

Led the development and deployment of a machine learning model for predictive analytics using

Python and TensorFlow. Leveraged AWS SageMaker to streamline the training and deployment process, ensuring scalability and efficient resource management. Implemented Docker containers to facilitate seamless integration and deployment across different environments. This project enhanced the client's ability to forecast demand, resulting in a 20% improvement in inventory management.

Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application for Data Visualization

Developed an interactive web application using ReactJS and JavaScript to visualize complex datasets in real-time. Integrated PostgreSQL for robust data storage and retrieval, ensuring efficient handling of large volumes of data. Focused on creating an intuitive user interface with Figma and Adobe XD, enhancing user engagement and accessibility. The application provided stakeholders with actionable insights, leading to data-driven decision-making.

Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma, Adobe XD.