

Alexandru erban Radu

Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

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

- Microsoft Certified: Azure AI Engineer Associate

Project Experience

1. Machine Learning Model Deployment on AWS SageMaker

Developed and deployed a machine learning model using Python and TensorFlow on AWS SageMaker to predict customer churn for a telecommunications company. Implemented a data

pipeline using Docker to streamline data preprocessing and model training, ensuring efficient resource utilization. Collaborated with data scientists to fine-tune model parameters, achieving a 15% improvement in prediction accuracy. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Dashboard for Data Visualization

Created an interactive web-based dashboard using ReactJS and PostgreSQL to visualize sales data for a retail client. The dashboard allowed users to filter and analyze data dynamically, providing insights into sales trends and inventory management. Integrated SQL queries to efficiently retrieve and display data, enhancing user experience and decision-making processes. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL.