

Ana-Maria Radu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1
- Spanish: B1
- French: A2

Education

- University Name: Politehnica University of Bucharest
- Program Duration: 4 years
- Master Degree Name: Politehnica University 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

Developed and deployed a machine learning model using Python and TensorFlow on AWS SageMaker to predict customer churn for a telecommunications company. Leveraged Docker to containerize the application, ensuring consistent and scalable deployments across environments. Implemented data preprocessing and feature engineering using SQL and PostgreSQL, resulting in a model accuracy improvement of 15%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, SQL, PostgreSQL.

2. Interactive Web Application for Data Visualization

Created an interactive web application using JavaScript and ReactJS to visualize large datasets for a financial analytics firm. The application allowed users to filter and manipulate data in real-time, enhancing decision-making processes. Collaborated with the design team to implement user-friendly interfaces using Figma and Adobe XD, ensuring a seamless user experience. Technologies and tools used: JavaScript, ReactJS, Figma, Adobe XD.