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.