Andrei Vasile Radu

# 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  
- TensorFlow Developer Certificate  
- Docker Certified Associate

# Project Experience

1. Machine Learning Model Deployment on AWS  
 Developed and deployed a machine learning model using Python and TensorFlow on AWS SageMaker to predict customer churn for a telecommunications company. Leveraged AWS SageMaker's built-in algorithms to streamline the training process and utilized Docker to containerize the application for consistent deployment across environments. Improved prediction accuracy by 15% through iterative model tuning and feature engineering. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Web Application for Data Visualization  
 Created an interactive web application using JavaScript and ReactJS to visualize complex datasets for a financial analytics firm. Implemented dynamic charts and graphs that allowed users to manipulate data in real-time, enhancing decision-making capabilities. Integrated PostgreSQL as the backend database to efficiently manage and query large volumes of financial data. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, SQL.