Andrei Mihailescu

# 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  
- French: A2

# Education

- University Name: University of Bucharest  
- Program Duration: 3 years  
  
- Master Degree Name: Politehnica University of Bucharest  
- Program Duration: 2 years

# Certifications

- AWS Certified Cloud Practitioner  
- Microsoft Certified: Azure AI Fundamentals

# Project Experience

1. Machine Learning Model for Predictive Analytics  
 Developed a machine learning model using Python and TensorFlow to predict customer churn for a telecommunications company. The project involved data preprocessing, feature engineering, and model training, resulting in a 15% improvement in prediction accuracy. Deployed the model on AWS SageMaker to enable scalable predictions and integrated Docker for containerization to ensure consistent deployment across environments. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Web Application for Data Visualization  
 Created an interactive web application using ReactJS and JavaScript to visualize complex datasets for a financial services client. The application allowed users to manipulate data views and generate real-time insights through dynamic charts and graphs. Optimized the backend with PostgreSQL to handle large volumes of data efficiently, ensuring fast query responses. Technologies and tools used: JavaScript, ReactJS, PostgreSQL.