Andrei Călinescu

# Technical Skills

Python, TensorFlow  
JavaScript, ReactJS  
AWS SageMaker, Docker  
SQL, PostgreSQL  
Figma, Adobe XD

# 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  
- TensorFlow Developer Certificate  
- Docker Certified Associate

# Project Experience

1. Machine Learning Model Deployment on AWS  
 Led the development and deployment of a machine learning model using Python and TensorFlow on AWS SageMaker. The project involved designing a scalable architecture that leveraged Docker containers for seamless integration and deployment. Implemented automated data preprocessing and model training pipelines, resulting in a 50% reduction in model training time. Utilized AWS services such as SageMaker, Lambda, and S3 to ensure efficient data handling and model management.  
  
2. Interactive Web Application for Data Visualization  
 Developed an interactive web application using ReactJS and JavaScript to visualize complex datasets stored in PostgreSQL. The application featured dynamic data filtering and real-time updates, enhancing user engagement and decision-making capabilities. Collaborated with a team to design intuitive user interfaces using Figma and Adobe XD, ensuring a seamless user experience. Integrated RESTful APIs for efficient data retrieval and manipulation, optimizing performance and responsiveness.