Alexandru Petrescu

# Technical Skills

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

# Foreign Languages

- English: C1  
- French: B2  
- Spanish: 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

# Project Experience

1. Machine Learning Model Deployment on AWS  
 Led the development and deployment of a machine learning model using Python and TensorFlow, hosted on AWS SageMaker. The project involved building a predictive analytics solution for customer churn, which improved retention strategies by 25%. Utilized Docker for containerization to ensure consistent environments across development and production. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Web Application for Data Visualization  
 Developed an interactive web application using ReactJS and JavaScript to visualize complex datasets for a financial services client. The application provided real-time data insights, enhancing decision-making processes by 30%. Integrated PostgreSQL for efficient data management and retrieval, ensuring seamless performance even with large datasets. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, SQL.