Alexandru Mihail Tănase

# 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  
- Certified Kubernetes Administrator

# Project Experience

1. Machine Learning Model Deployment with AWS SageMaker  
 Led a team to develop and deploy a machine learning model using AWS SageMaker for a predictive analytics project in the retail sector. The project involved training a TensorFlow model to forecast sales trends, which improved inventory management by 25%. Utilized Docker for containerization, ensuring a seamless and scalable deployment process. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Web Application Development  
 Spearheaded the development of an interactive web application using ReactJS and JavaScript for a social media analytics platform. The application provided real-time data visualization and user insights, enhancing user engagement by 40%. Collaborated closely with the design team to integrate Figma prototypes into the final product, ensuring a cohesive user experience. Technologies and tools used: JavaScript, ReactJS, Figma, Adobe XD.  
  
3. Scalable Database Management System  
 Architected a scalable database management system using PostgreSQL and SQL for a financial services company. The system supported complex queries and data analytics, leading to a 30% reduction in data retrieval times. Implemented advanced indexing and partitioning strategies to optimize database performance and reliability. Technologies and tools used: SQL, PostgreSQL.