Adrian Călin Dumitrescu

# Technical Skills

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

# Foreign Languages

- English: C1  
- Spanish: B1  
- 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. Predictive Maintenance System using AWS SageMaker and TensorFlow   
 Developed a predictive maintenance system for industrial equipment using AWS SageMaker and TensorFlow. The project involved creating a machine learning model to predict equipment failures, enabling preemptive maintenance and reducing downtime by 25%. Implemented data preprocessing and feature engineering using Python, and deployed the model using Docker containers for scalable cloud deployment. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Dashboard for Business Analytics   
 Created an interactive business analytics dashboard using ReactJS and PostgreSQL to visualize key performance indicators for a retail client. The dashboard provided real-time insights into sales trends and customer behavior, enhancing decision-making processes. Utilized JavaScript for dynamic data visualization and SQL queries for efficient data retrieval, resulting in a 40% reduction in report generation time. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Figma.