Andreea Mirela Dobre

# 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  
- Docker Certified Associate  
- TensorFlow Developer Certificate

# Project Experience

1. Predictive Analytics Platform Development  
 Led the development of a predictive analytics platform using Python and TensorFlow, designed to provide real-time insights for retail businesses. Implemented machine learning models to forecast sales trends, achieving a 20% improvement in prediction accuracy. Deployed the solution on AWS SageMaker, leveraging Docker for containerization to ensure seamless scalability and integration. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Web Application for Data Visualization  
 Developed an interactive web application using JavaScript and ReactJS to visualize complex datasets for financial analysts. The application featured dynamic charts and graphs, allowing users to manipulate data in real-time for better decision-making. Optimized backend performance with PostgreSQL, ensuring efficient data retrieval and processing. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, D3.js.