Elena Mihăilă Dumitrescu

# Professional Skills

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

# Foreign Languages

- English: C1  
- Spanish: B2

# Education

- University Name: University of Bucharest  
- Program Duration: 4 years  
- Master Degree Name: University of Bucharest  
- Program Duration: 2 years

# Certifications

AWS Certified Machine Learning - Specialty, TensorFlow Developer Certificate, Docker Certified Associate, Microsoft Certified: Azure AI Fundamentals

# Project Experience

1. AI-Powered Customer Insights Platform  
 Led a cross-functional team in the development of an AI-powered platform using Python and TensorFlow to analyze customer data and generate actionable insights. Integrated AWS SageMaker for scalable machine learning model deployment and Docker for containerized applications. Enhanced the company's ability to predict customer behavior, resulting in a 15% increase in customer retention.  
  
2. Real-Time Data Visualization Dashboard  
 Spearheaded the creation of a real-time data visualization dashboard using JavaScript and ReactJS, enabling stakeholders to monitor key performance indicators. Utilized SQL and PostgreSQL for efficient data retrieval and management. Collaborated with design teams using Figma and Adobe XD to ensure an intuitive user interface, improving decision-making processes across departments.  
  
3. Cloud-Based Machine Learning Pipeline  
 Designed and implemented a cloud-based machine learning pipeline leveraging AWS SageMaker and Docker to streamline model training and deployment. Coordinated with data scientists and engineers to optimize the pipeline for performance and scalability. This project reduced model deployment time by 40% and improved the accuracy of predictive analytics solutions.