# Andrei Mihailescu

## Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

## Foreign Languages

- English: C1

- Spanish: B2

- French: A2

## Education

- University Name: University of Bucharest

- Program Duration: 3 years

- Master Degree Name: Politehnica University of Bucharest

- Program Duration: 2 years

## Certifications

- AWS Certified Cloud Practitioner

- Microsoft Certified: Azure AI Fundamentals

## Project Experience

1. Machine Learning Model for Predictive Analytics

Developed a machine learning model using Python and TensorFlow to predict customer churn for a telecommunications company. The project involved data preprocessing, feature engineering, and model training, resulting in a 15% improvement in prediction accuracy. Deployed the model on AWS SageMaker to enable scalable predictions and integrated Docker for containerization to ensure consistent deployment across environments. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application for Data Visualization

Created an interactive web application using ReactJS and JavaScript to visualize complex datasets for a financial services client. The application allowed users to manipulate data views and generate real-time insights through dynamic charts and graphs. Optimized the backend with PostgreSQL to handle large volumes of data efficiently, ensuring fast query responses. Technologies and tools used: JavaScript, ReactJS, PostgreSQL.