Elena Marcu-Blan

Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

Foreign Languages

- English: C1

- Spanish: B1

Education

- University Name: University Politehnica of Bucharest

- Program Duration: 4 years

Certifications

- AWS Certified Cloud Practitioner

- Microsoft Certified: Azure AI Fundamentals

Project Experience

1. Machine Learning Model for Customer Churn Prediction

   Developed a machine learning model using Python and TensorFlow to predict customer churn for a telecommunications company. Leveraged AWS SageMaker for model training and deployment, ensuring scalability and efficient resource management. The project involved extensive data preprocessing and feature engineering using SQL and PostgreSQL, resulting in a model accuracy of

85%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, SQL, PostgreSQL.

2. Interactive Dashboard for Sales Analytics

Created an interactive web-based dashboard using JavaScript and ReactJS to visualize sales data and provide real-time insights for a retail client. Integrated PostgreSQL to manage and query large datasets, enabling dynamic data updates and filtering. The project improved decision-making processes by providing key performance indicators and trend analysis. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL.