Andrei Ctlin Dumitrescu

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: 4 years

Certifications

- AWS Certified Machine Learning Specialty

- TensorFlow Developer Certificate

Project Experience

1. Machine Learning Model for Customer Churn Prediction

   Developed a machine learning model to predict customer churn using Python and TensorFlow, leveraging AWS SageMaker for scalable training and deployment.

   Implemented data preprocessing and feature engineering techniques to enhance model accuracy,

achieving a 15% improvement over baseline models.

Utilized Docker to containerize the application, ensuring consistent deployment across different environments.

Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, Pandas, NumPy.

2. Interactive Data Visualization Dashboard

Created an interactive data visualization dashboard using ReactJS and JavaScript to display real-time analytics for business insights.

Integrated PostgreSQL to manage and query large datasets efficiently, ensuring quick data retrieval and dynamic updates.

Collaborated with designers using Figma to ensure a seamless and intuitive user interface, enhancing user engagement by 25%.

Technologies and tools used: ReactJS, JavaScript, PostgreSQL, Figma, Chart.js.