Andrei Vasile 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: B1

- French: A2

Education

- University Name: Politehnica University of Bucharest

- Program Duration: 4 years

- Master Degree Name: Politehnica University of Bucharest

- Program Duration: 2 years

Certifications

- AWS Certified Machine Learning - Specialty

- TensorFlow Developer Certificate

Project Experience

1. Predictive Analytics Platform

   Developed a predictive analytics platform using Python and TensorFlow to forecast sales trends

for retail businesses. Leveraged AWS SageMaker for model training and deployment, ensuring scalable and efficient processing of large datasets. Implemented Docker containers to streamline the deployment process and improve system reliability. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Data Visualization Dashboard

Created an interactive data visualization dashboard using ReactJS and PostgreSQL to provide real-time insights into customer behavior for a marketing agency. Designed intuitive user interfaces with Figma to enhance user engagement and facilitate data-driven decision-making. Integrated SQL queries to efficiently manage and retrieve data, resulting in a 25% improvement in data processing speed. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Figma.