Matei Dobreanu

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 Politehnica of Bucharest

- Program Duration: 4 years

- Master Degree Name: University Politehnica of Bucharest

- Program Duration: 2 years

Certifications

- AWS Certified Machine Learning Specialty

- TensorFlow Developer Certificate

Project Experience

1. Predictive Maintenance System for Manufacturing

  Developed a predictive maintenance system using Python and TensorFlow to analyze sensor data

from manufacturing equipment. The system leverages AWS SageMaker for model training and deployment, enabling real-time predictions of equipment failures. Implemented a ReactJS dashboard for monitoring and visualizing predictive insights, improving maintenance scheduling efficiency by 25%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, ReactJS, Docker.

2. Interactive Data Visualization Platform

Created an interactive data visualization platform to help businesses analyze sales data using JavaScript and ReactJS. Integrated PostgreSQL for efficient data storage and retrieval, allowing users to generate custom reports and visualizations. Collaborated with UX designers to refine the user interface using Figma and Adobe XD, enhancing user engagement by 30%. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma, Adobe XD.