Alexandru Petrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- French: B2

- Spanish: 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. Machine Learning Model Deployment on AWS

   Led the development and deployment of a machine learning model using Python and TensorFlow,

hosted on AWS SageMaker. The project involved building a predictive analytics solution for customer churn, which improved retention strategies by 25%. Utilized Docker for containerization to ensure consistent environments across development and production. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application for Data Visualization

Developed an interactive web application using ReactJS and JavaScript to visualize complex datasets for a financial services client. The application provided real-time data insights, enhancing decision-making processes by 30%. Integrated PostgreSQL for efficient data management and retrieval, ensuring seamless performance even with large datasets. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, SQL.