Raluca Vasile Dumitru

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C2

- Spanish: B1

- French: B2

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

- Docker Certified Associate

- TensorFlow Developer Certificate

Project Experience

1. Machine Learning Model Deployment on AWS

Led a project to deploy a predictive analytics model using AWS SageMaker and TensorFlow, aimed at enhancing customer retention strategies for a retail client. Developed and trained the model in Python, achieving a 15% increase in prediction accuracy. Utilized Docker for containerization to streamline the deployment process, ensuring scalability and efficient resource management. 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 firm. The application provided real-time data insights and allowed users to customize their views, improving decision-making processes. Integrated PostgreSQL for robust data management and optimized queries to enhance performance. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL.