

Raluca Andreea Dumitrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1
- Spanish: B2
- 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
- Docker Certified Associate

Project Experience

1. Predictive Analytics Platform for Retail

Developed a predictive analytics platform using Python and TensorFlow to forecast sales trends and customer behavior for a retail client. Leveraged AWS SageMaker for model training and deployment, ensuring scalability and efficiency. Integrated the solution with PostgreSQL to manage and analyze large datasets, resulting in a 25% improvement in sales forecasting accuracy. Technologies and tools used: Python, TensorFlow, AWS SageMaker, PostgreSQL.

2. Interactive Web Application for Real-Time Data Visualization

Created an interactive web application using ReactJS and JavaScript to visualize real-time data for a financial services company. Implemented dynamic data fetching and rendering techniques to ensure seamless user experience. Utilized Docker for containerization, enabling consistent development and deployment environments. Collaborated with UI/UX designers using Figma to enhance the application's visual appeal and usability. Technologies and tools used: JavaScript, ReactJS, Docker, Figma.