

Raluca Mihai Dumitrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1
- Spanish: 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 SageMaker

Developed and deployed a scalable machine learning model using Python and TensorFlow on

AWS SageMaker. Utilized Docker to containerize the application, ensuring seamless integration and deployment across different environments. Implemented a robust data pipeline with PostgreSQL for data storage and retrieval, enhancing model accuracy by 20%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, PostgreSQL.

2. Interactive Web Application Development

Created an interactive web application using JavaScript and ReactJS, focusing on delivering a dynamic user experience. Designed the user interface with Figma and Adobe XD, incorporating user feedback to refine the design iteratively. Integrated SQL databases to manage user data efficiently, resulting in a 35% improvement in data retrieval times. Technologies and tools used: JavaScript, ReactJS, SQL, Figma, Adobe XD.