

Radu Ctlin 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
- TensorFlow Developer Certificate
- Docker Certified Associate

Project Experience

1. Machine Learning Model Deployment for Customer Churn Prediction

Developed and deployed a machine learning model to predict customer churn using Python and

TensorFlow on AWS SageMaker. Leveraged Docker to containerize the application, ensuring consistent deployment across various environments. The model improved churn prediction accuracy by 25%, enabling proactive retention strategies. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Dashboard for Sales Data Visualization

Created an interactive web-based dashboard using ReactJS and JavaScript to visualize sales data for a retail company. Integrated PostgreSQL for efficient data retrieval and manipulation, allowing users to filter and analyze data dynamically. The dashboard enhanced decision-making processes by providing real-time insights and was designed with a focus on user experience using Figma. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma.