

Mihai Rducanu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: B2
- French: B1
- Spanish: A2

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 Cloud Practitioner
- Microsoft Certified: Azure AI Fundamentals

Project Experience

1. Machine Learning Model Deployment

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

SageMaker to predict customer churn for a telecommunications company. The project involved data preprocessing, model training, and hyperparameter tuning to enhance prediction accuracy. Utilized Docker to containerize the application, ensuring consistent deployment across different environments. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Dashboard for Data Visualization

Created an interactive web dashboard using ReactJS and JavaScript to visualize sales data for a retail business. The dashboard provided real-time insights and included features such as filtering, sorting, and exporting data. Integrated PostgreSQL to manage and query large datasets efficiently, improving data retrieval times by 25%. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, SQL.

3. User-Centric Mobile App Design

Designed a mobile application prototype focusing on user experience and interface design using Figma and Adobe XD. Conducted user research and usability testing sessions to gather feedback and iteratively improve the design. Collaborated closely with developers to ensure the design was implemented accurately, resulting in a 20% increase in user engagement. Technologies and tools used: Figma, Adobe XD.