Adrian Rzvan Dumitrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- Spanish: B1

Education

- University Name: Politehnica University of Bucharest

- Program Duration: 4 years

- Master Degree Name: University of Bucharest

- Program Duration: 2 years

Certifications

- AWS Certified Cloud Practitioner

- Microsoft Certified: Azure AI Fundamentals

- Google Cloud Certified Associate Cloud Engineer

Project Experience

1. Machine Learning Model Deployment on AWS SageMaker

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

SageMaker to predict customer churn for a telecommunications company. Leveraged Docker to containerize the application, ensuring consistent deployment across environments. Implemented a continuous integration pipeline to automate model updates, resulting in a 25% reduction in manual intervention. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application for Data Visualization

Created an interactive web application using ReactJS and JavaScript to visualize complex datasets for a financial analytics firm. Designed intuitive user interfaces with Figma and Adobe XD, enhancing user engagement and accessibility. Integrated PostgreSQL to manage and query large volumes of data efficiently, leading to a 40% improvement in data retrieval times. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma, Adobe XD.