Andrei Mihailescu

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 Cloud Practitioner

- Google Associate Cloud Engineer

- Microsoft Certified: Azure Fundamentals

Project Experience

1. Machine Learning Model Deployment

   Developed and deployed a machine learning model using Python and TensorFlow to predict

customer churn for a telecommunications company. Utilized AWS SageMaker for model training and Docker for containerization, ensuring a scalable and reproducible deployment process. Integrated the model with a PostgreSQL database to efficiently store and retrieve customer data, improving prediction accuracy by 15%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, PostgreSQL.

2. Interactive Web Application for Data Visualization

Created an interactive web application using JavaScript and ReactJS to visualize real-time data analytics for a marketing firm. Implemented dynamic data fetching from a SQL database, allowing users to filter and analyze data through an intuitive interface. Collaborated with designers to enhance user experience using Figma and Adobe XD, resulting in a 25% increase in user engagement. Technologies and tools used: JavaScript, ReactJS, SQL, Figma, Adobe XD.