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 Machine Learning Specialty
- Google Professional Machine Learning Engineer
- TensorFlow Developer Certificate

Project Experience

1. Predictive Analytics Platform for Retail

Led the development of a predictive analytics platform using Python and TensorFlow to forecast

retail sales trends. Implemented machine learning models that improved sales prediction accuracy by 25%, enabling more informed inventory management decisions. Deployed the solution on AWS SageMaker, leveraging Docker for containerization to ensure scalability and efficient resource management. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application for Real-Time Data Visualization

Developed an interactive web application using ReactJS and JavaScript to visualize real-time data for financial analysts. The application provided dynamic charts and dashboards, allowing users to customize views and gain insights quickly. Integrated PostgreSQL for efficient data retrieval and management, ensuring seamless performance even with large datasets. Technologies and tools used: JavaScript, ReactJS, PostgreSQL.

3. User-Centric Design for Mobile Banking App

Spearheaded the design of a mobile banking application interface using Figma and Adobe XD, focusing on enhancing user experience and accessibility. Conducted extensive user testing and feedback sessions to iterate on design elements, resulting in a 40% increase in user satisfaction ratings. Collaborated closely with developers to ensure the design was implemented accurately and efficiently. Technologies and tools used: Figma, Adobe XD.