Mihai Dorin Blan

Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

Foreign Languages

- English: C1

- Spanish: B2

- French: 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 for Predictive Analytics

   Developed a predictive analytics model using Python and TensorFlow to forecast sales trends for

a retail company. The project involved data preprocessing, feature engineering, and model training, achieving an accuracy of 85%. Deployed the model on AWS SageMaker for scalable and efficient predictions. 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 services firm. Implemented dynamic charts and graphs to provide users with real-time insights into market trends. Optimized the backend with PostgreSQL to ensure fast data retrieval and processing. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Chart.js.

3. User-Centric Mobile App Design

Designed a mobile application interface focusing on enhancing user experience and accessibility. Utilized Figma and Adobe XD to create wireframes and prototypes, conducting usability testing to refine design elements. Collaborated with developers to ensure the design was implemented accurately, resulting in a 20% increase in user engagement. Technologies and tools used: Figma, Adobe XD, UserTesting.