

Adrian Mircea Dobre

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: Polytechnic University of Bucharest
- Program Duration: 4 years

Certifications

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure AI Fundamentals

Project Experience

1. Machine Learning Model for Predictive Analytics

Developed a machine learning model using Python and TensorFlow to predict customer churn for a telecommunications company. The project involved data preprocessing, feature engineering, and model training, achieving an accuracy of 85%. Deployed the model on AWS SageMaker, leveraging

Docker for containerization to ensure a scalable and efficient deployment process. 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 large datasets for a financial services client. The application allowed users to explore data trends through dynamic charts and graphs, enhancing decision-making processes. Integrated PostgreSQL for efficient data storage and retrieval, ensuring seamless performance even with large data volumes. Technologies and tools used: JavaScript, ReactJS, PostgreSQL.

3. UI/UX Design for a Mobile Application

Designed the user interface and experience for a mobile application aimed at improving mental health awareness. Utilized Figma and Adobe XD to create intuitive and engaging designs, conducting user testing to refine the interface based on feedback. Collaborated closely with developers to ensure the design was effectively implemented, resulting in a user-friendly and visually appealing application. Technologies and tools used: Figma, Adobe XD.