

Andrei Mihailescu

Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

Foreign Languages

- English: C1

- Spanish: B1

- Italian: A2

Education

- University Name: University of Bucharest

- Program Duration: 4 years

- Master Degree Name: University of Bucharest

- Program Duration: 2 years

Certifications

- AWS Certified Machine Learning Specialty

- TensorFlow Developer Certificate

Project Experience

1. Machine Learning Model Deployment for Predictive Analytics

Developed and deployed a predictive analytics model using Python and TensorFlow, leveraging

AWS SageMaker for scalable model training and deployment. The project involved creating a robust data pipeline with SQL and PostgreSQL to preprocess and manage large datasets. Implemented Docker containers to ensure consistent environments across development and production, resulting in a 25% reduction in deployment time. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, SQL, PostgreSQL.

2. Interactive Web Application for Real-Time Data Visualization

Built an interactive web application using JavaScript and ReactJS to visualize real-time data analytics for business intelligence purposes. Integrated PostgreSQL for efficient data storage and retrieval, ensuring seamless data flow and quick access to insights. Collaborated with UI/UX designers to enhance the user interface using Figma and Adobe XD, leading to a 40% increase in user engagement. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma, Adobe XD.