

Andrei Mihailescu

Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

Foreign Languages

- English: C2

- Spanish: B1

- French: 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. Predictive Analytics Platform Development

Led the development of a predictive analytics platform using Python and TensorFlow, aimed at

providing real-time insights for retail businesses. Designed and implemented machine learning models to forecast sales and optimize inventory management, resulting in a 20% reduction in overstock. Deployed the solution on AWS SageMaker, leveraging Docker for containerization to ensure scalability and ease of updates. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Dashboard for Data Visualization

Developed an interactive web-based dashboard using JavaScript and ReactJS to visualize complex datasets for a financial services firm. Integrated PostgreSQL to manage and query large volumes of financial data, enabling dynamic and real-time updates on the dashboard. Collaborated with the design team to ensure a user-friendly interface using Figma, enhancing the overall user experience. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma.