Mihai Vasile Dumitrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

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 Machine Learning Specialty

- Docker Certified Associate

- Microsoft Certified: Azure Solutions Architect Expert

Project Experience

1. Machine Learning Model Deployment

Led the development and deployment of a machine learning model using Python and TensorFlow on AWS SageMaker. The project involved training a predictive analytics model for customer churn, which improved retention strategies by 25%. Utilized Docker for containerization to ensure consistent environments across development and production stages. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application Development

Developed an interactive web application using JavaScript and ReactJS to enhance user engagement for an online learning platform. Implemented dynamic content rendering and real-time data updates, resulting in a 40% increase in user interaction. Integrated PostgreSQL for efficient data management and retrieval, ensuring seamless user experience. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Node.js.