Radu Vasile Dinu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- Spanish: B2

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

- TensorFlow Developer Certificate

- Docker Certified Associate

Project Experience

1. Predictive Analytics Platform for Retail

   Led the development of a predictive analytics platform using Python and TensorFlow to forecast

retail sales trends. Utilized AWS SageMaker for model training and deployment, ensuring scalability and efficient resource management. Implemented a Docker-based environment to streamline the development and deployment process, reducing setup time by 50%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Dashboard for Business Intelligence

Spearheaded the creation of an interactive business intelligence dashboard using ReactJS and JavaScript, providing real-time insights into key performance metrics. Integrated PostgreSQL for robust data storage and retrieval, optimizing query performance to enhance user experience. Collaborated with UI/UX designers using Figma to ensure a seamless and intuitive interface. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma.

3. Cloud-Native Application for Data Processing

Directed the development of a cloud-native application for processing large datasets, leveraging AWS services and Docker containers. Implemented machine learning models using TensorFlow, achieving a 30% improvement in data processing speed. Ensured continuous integration and deployment pipelines, enhancing the team's productivity and reducing deployment errors. Technologies and tools used: AWS SageMaker, Docker, TensorFlow, SQL.