Adrian Clin Dumitrescu

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- Spanish: B1

- 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

- TensorFlow Developer Certificate

- Docker Certified Associate

Project Experience

1. Predictive Maintenance System using AWS SageMaker and TensorFlow

Developed a predictive maintenance system for industrial equipment using AWS SageMaker and TensorFlow. The project involved creating a machine learning model to predict equipment failures, enabling preemptive maintenance and reducing downtime by 25%. Implemented data preprocessing and feature engineering using Python, and deployed the model using Docker containers for scalable cloud deployment. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Dashboard for Business Analytics

Created an interactive business analytics dashboard using ReactJS and PostgreSQL to visualize key performance indicators for a retail client. The dashboard provided real-time insights into sales trends and customer behavior, enhancing decision-making processes. Utilized JavaScript for dynamic data visualization and SQL queries for efficient data retrieval, resulting in a 40% reduction in report generation time. Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Figma.