

Adrian Ctlin 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 of Bucharest
- Program Duration: 4 years
- Master Degree Name: Polytechnic University of Bucharest
- Program Duration: 2 years

Certifications

- AWS Certified Machine Learning Specialty
- TensorFlow Developer Certificate
- Docker Certified Associate

Project Experience

1. Machine Learning Model Deployment on AWS SageMaker

Developed and deployed a machine learning model for predictive analytics using Python and TensorFlow on AWS SageMaker. Leveraged Docker to containerize the application, ensuring consistent environments across development and production. Implemented data preprocessing and feature engineering using SQL and PostgreSQL, resulting in a 25% increase in model accuracy. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, SQL, PostgreSQL.

2. Interactive Web Application with ReactJS

Created an interactive web application using ReactJS and JavaScript, focusing on delivering a seamless user experience. Designed the UI/UX with Figma and Adobe XD, conducting multiple iterations based on user feedback to improve usability. Integrated a PostgreSQL database to manage and retrieve user data efficiently, enhancing the application's responsiveness. Technologies and tools used: JavaScript, ReactJS, Figma, Adobe XD, PostgreSQL.