

Andrei Vasile Radu

## 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
- TensorFlow Developer Certificate
- Docker Certified Associate

## Project Experience

### 1. Machine Learning Model Deployment on AWS

Developed and deployed a machine learning model using Python and TensorFlow on AWS SageMaker to predict customer churn for a telecommunications company. Leveraged AWS SageMaker's built-in algorithms to streamline the training process and utilized Docker to containerize the application for consistent deployment across environments. Improved prediction accuracy by 15% through iterative model tuning and feature engineering. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

## 2. Interactive Web Application for Data Visualization

Created an interactive web application using JavaScript and ReactJS to visualize complex datasets for a financial analytics firm. Implemented dynamic charts and graphs that allowed users to manipulate data in real-time, enhancing decision-making capabilities. Integrated PostgreSQL as the backend database to efficiently manage and query large volumes of financial data. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, SQL.