

Ctlin Andrei Bucur

## Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

## Foreign Languages

- English: C2

- 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 Cloud Practitioner

- Microsoft Certified: Power Platform Fundamentals

## Project Experience

### 1. Machine Learning Model for Predictive Analytics

Developed a machine learning model using Python and TensorFlow to predict customer churn for

a telecommunications company. The project involved data preprocessing, feature engineering, and model training, achieving an accuracy of 85%. Deployed the model using AWS SageMaker, enabling scalable and efficient predictions. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

## 2. Interactive Web Application for Real-Time Data Visualization

Created an interactive web application using JavaScript and ReactJS to visualize real-time data from IoT devices. The application featured dynamic charts and graphs, allowing users to monitor device performance and detect anomalies. Integrated PostgreSQL for efficient data storage and retrieval, ensuring seamless user experience. Technologies and tools used: JavaScript, ReactJS, PostgreSQL.

## 3. User-Centric Mobile App Design

Designed a mobile application interface focusing on user experience and accessibility using Figma and Adobe XD. Conducted user research and iterative testing to refine the design, resulting in a 40% increase in user satisfaction. Collaborated closely with developers to ensure the design was implemented accurately and efficiently. Technologies and tools used: Figma, Adobe XD.