

Andrei Mihail Radu

Professional Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1
- Spanish: B2
- French: A2

Education

- University Name: Politehnica University of Bucharest
- Program Duration: 4 years
- Master Degree Name: Politehnica University of Bucharest
- Program Duration: 2 years

Certifications

AWS Certified Machine Learning Specialty, TensorFlow Developer Certificate, Microsoft Certified: Azure AI Engineer Associate, Certified Kubernetes Application Developer (CKAD)

Project Experience

1. AI-Powered Customer Insights Platform

Led a team of data scientists and engineers to develop an AI-driven platform using Python and

TensorFlow, which provided actionable customer insights for a retail client.

Integrated AWS SageMaker for scalable model deployment and Docker for seamless application management.

The platform improved customer engagement by 30% and reduced churn by 15% within the first six months of implementation.

2. Interactive Web Application Development

Spearheaded the development of a dynamic web application using JavaScript and ReactJS, enhancing user experience for an e-commerce platform.

Collaborated with UI/UX designers utilizing Figma and Adobe XD to ensure a visually appealing and user-friendly interface.

The project resulted in a 25% increase in user retention and a 40% boost in online sales.

3. Cloud-Based Data Analytics Solution

Designed and implemented a cloud-based data analytics solution leveraging SQL and PostgreSQL for a financial services company.

Utilized AWS SageMaker for predictive analytics and Docker for containerized application deployment.

The solution enabled real-time data processing and reporting, leading to a 50% reduction in data analysis time and enhanced decision-making capabilities.