Andrei Dumitru Radu

Professional Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- Spanish: B2

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, Microsoft Certified: Azure Data Scientist Associate, Certified Kubernetes Application Developer (CKAD)

Project Experience

1. Machine Learning Model Deployment

   Spearheaded the deployment of a machine learning model using AWS SageMaker and Docker, enhancing the company's predictive analytics capabilities. Collaborated with data scientists and

engineers to ensure seamless integration and scalability. Continuously monitored model performance and implemented updates to maintain accuracy and efficiency.

2. Web Application Development

Led a team in developing a dynamic web application using JavaScript and ReactJS, improving user engagement by 30%. Coordinated with designers and backend developers to create a cohesive and responsive user interface. Conducted user testing and incorporated feedback to refine the applications functionality.

3. Data-Driven Strategic Planning

Utilized SQL and PostgreSQL to analyze large datasets, providing insights that informed strategic business decisions. Worked closely with stakeholders to identify key performance indicators and track progress against goals. Developed dashboards and reports to communicate findings and support data-driven decision-making.

4. UX/UI Design Enhancement

Managed a project to redesign the user interface of a mobile application using Figma and Adobe XD, resulting in a 25% increase in user satisfaction. Collaborated with product managers and developers to ensure design feasibility and alignment with user needs. Conducted A/B testing to validate design improvements and optimize user experience.