Raluca Dumitrescu Marin

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1

- Spanish: B1

- German: 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 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 seamless integration and scalability across different environments. Implemented a continuous deployment pipeline, which reduced model update time by 50% and improved prediction accuracy by 20%. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker, Jenkins.

2. Interactive Web Application Development

Created a dynamic and responsive web application using JavaScript and ReactJS, focusing on enhancing user interaction and experience. Designed the frontend interface with Figma and Adobe XD, ensuring a visually appealing and intuitive user journey. Integrated PostgreSQL for efficient data management, resulting in a 30% improvement in data retrieval speed. Technologies and tools used: JavaScript, ReactJS, Figma, Adobe XD, PostgreSQL, Node.js.