

Elena Radu Marin

Technical Skills

Python, TensorFlow: 4

JavaScript, ReactJS: 3

AWS SageMaker, Docker: 2

SQL, PostgreSQL: 3

Figma, Adobe XD: 2

Foreign Languages

- English: C1

- Spanish: B1

Education

- University Name: University Politehnica of Bucharest

- Program Duration: 4 years

Since the mean of tech skills is not high, there is no need to add a master's degree.

Certifications

- AWS Certified Cloud Practitioner

- Microsoft Certified: Azure AI Fundamentals

Project Experience

1. Machine Learning Model for Customer Churn Prediction

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, resulting in a 15% improvement in prediction accuracy. Deployed the model on AWS SageMaker, leveraging Docker for containerization to ensure a scalable and efficient deployment process.

Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Data Visualization Dashboard

Created an interactive data visualization dashboard using ReactJS and PostgreSQL to provide real-time insights into sales data for a retail business. The project included designing a user-friendly interface and implementing dynamic data fetching and filtering capabilities. Collaborated with stakeholders to refine dashboard features, enhancing decision-making processes.

Technologies and tools used: JavaScript, ReactJS, SQL, PostgreSQL, Figma.

3. Cloud-based AI Chatbot

Developed a cloud-based AI chatbot using Python and Azure AI services to automate customer support for an e-commerce platform. The chatbot was integrated into the company's website, handling common customer queries and reducing response time by 50%. Utilized Docker for containerization and ensured seamless deployment and scaling on AWS infrastructure.

Technologies and tools used: Python, Azure AI, Docker, AWS.