

Alexandru Mihail Tnase

Technical Skills

Python, TensorFlow

JavaScript, ReactJS

AWS SageMaker, Docker

SQL, PostgreSQL

Figma, Adobe XD

Foreign Languages

- English: C1
- Spanish: B2
- 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 Machine Learning Specialty
- TensorFlow Developer Certificate
- Certified Kubernetes Administrator

Project Experience

1. Machine Learning Model Deployment with AWS SageMaker

Led a team to develop and deploy a machine learning model using AWS SageMaker for a predictive analytics project in the retail sector. The project involved training a TensorFlow model to forecast sales trends, which improved inventory management by 25%. Utilized Docker for containerization, ensuring a seamless and scalable deployment process. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application Development

Spearheaded the development of an interactive web application using ReactJS and JavaScript for a social media analytics platform. The application provided real-time data visualization and user insights, enhancing user engagement by 40%. Collaborated closely with the design team to integrate Figma prototypes into the final product, ensuring a cohesive user experience. Technologies and tools used: JavaScript, ReactJS, Figma, Adobe XD.

3. Scalable Database Management System

Architected a scalable database management system using PostgreSQL and SQL for a financial services company. The system supported complex queries and data analytics, leading to a 30% reduction in data retrieval times. Implemented advanced indexing and partitioning strategies to optimize database performance and reliability. Technologies and tools used: SQL, PostgreSQL.