

Mihai Radu Clin

Technical 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 Solutions Architect Professional
- TensorFlow Developer Certificate
- Certified Kubernetes Administrator

Project Experience

1. Predictive Analytics Platform

Led the development of a predictive analytics platform using Python and TensorFlow, enabling

real-time data analysis and forecasting for business intelligence. Implemented machine learning models to predict customer behavior, resulting in a 25% increase in sales conversion rates. Deployed the solution on AWS SageMaker, ensuring scalability and efficient resource management. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.

2. Interactive Web Application for Data Visualization

Spearheaded the creation of an interactive web application using ReactJS and JavaScript, designed to visualize complex datasets for enhanced decision-making. Integrated PostgreSQL for robust data storage and retrieval, allowing users to perform dynamic queries and generate custom reports. Collaborated with UI/UX designers to ensure a seamless user experience, leveraging Figma for design prototypes. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma.

3. Cloud-based Microservices Architecture

Architected a cloud-based microservices infrastructure on AWS, utilizing Docker and Kubernetes to orchestrate containerized applications. Implemented CI/CD pipelines to automate deployment processes, significantly reducing time-to-market for new features. Ensured high availability and fault tolerance, aligning with best practices from the AWS Certified Solutions Architect Professional certification. Technologies and tools used: AWS, Docker, Kubernetes, CI/CD tools.