Mihai Radu Călin

# 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.