Mihai Dragoș Petrescu

# 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 Solutions Architect – Professional  
- TensorFlow Developer Certificate

# Project Experience

1. Predictive Analytics Platform  
 Led the development of a predictive analytics platform using Python and TensorFlow to analyze large datasets and generate actionable insights for business decision-making. Implemented machine learning models that improved prediction accuracy by 25%, leveraging AWS SageMaker for model training and deployment. Utilized Docker for containerization, ensuring consistent and scalable deployment across different environments. Technologies and tools used: Python, TensorFlow, AWS SageMaker, Docker.  
  
2. Interactive Dashboard for Data Visualization  
 Spearheaded the creation of an interactive data visualization dashboard using ReactJS and JavaScript, providing real-time insights into key performance metrics. Integrated PostgreSQL to efficiently manage and query large volumes of data, enhancing the dashboard's responsiveness and accuracy. Collaborated with the design team to ensure a seamless user experience, utilizing Figma for prototyping and design iteration. Technologies and tools used: JavaScript, ReactJS, PostgreSQL, Figma.  
  
3. Cloud-Based Application Architecture  
 Architected a robust cloud-based application infrastructure on AWS, leveraging the AWS Certified Solutions Architect – Professional certification to ensure best practices in security and scalability. Utilized Docker for container orchestration and automated deployment pipelines, significantly reducing deployment time and increasing reliability. Implemented a microservices architecture to enhance system modularity and maintainability. Technologies and tools used: AWS, Docker, AWS Certified Solutions Architect – Professional.