

Adrian Dumitrescu Cojocaru

Technical Skills

- JavaScript, ReactJS, Node.js
- Java, Spring Boot, SQL
- AWS, Docker, Kubernetes
- HTML, CSS, Bootstrap, TypeScript
- Python, Django, PostgreSQL
- AngularJS, Git, REST APIs
- Google Cloud, TensorFlow, PyTorch

Foreign Languages

- English: C1
- Spanish: B2
- French: B1

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
- Google Professional Cloud Architect
- Certified Kubernetes Administrator (CKA)

Project Experience

1. Real-Time Data Analytics Platform

Led the development of a real-time data analytics platform using Java, Spring Boot, and SQL to process and analyze large datasets efficiently. Implemented REST APIs to facilitate seamless data integration and retrieval, enhancing the platform's interoperability with external systems. Deployed the solution on AWS using Docker and Kubernetes to ensure scalability and high availability, resulting in a 50% reduction in data processing time. Technologies and tools used: Java, Spring Boot, SQL, REST APIs, AWS, Docker, Kubernetes.

2. AI-Powered Recommendation System

Spearheaded the creation of an AI-powered recommendation system leveraging Python, Django, and PostgreSQL to deliver personalized content to users. Utilized TensorFlow and PyTorch for building and training machine learning models, achieving a 20% increase in user engagement. Deployed the system on Google Cloud, ensuring robust performance and scalability to handle millions of requests daily. Technologies and tools used: Python, Django, PostgreSQL, TensorFlow, PyTorch, Google Cloud.

3. Responsive Web Application for Online Learning

Directed the development of a responsive web application for an online learning platform using ReactJS, Node.js, and TypeScript. Integrated interactive features and a dynamic user interface with HTML, CSS, and Bootstrap to enhance user experience and accessibility. Implemented CI/CD pipelines with Git to streamline the development process and ensure rapid deployment of new features. Technologies and tools used: ReactJS, Node.js, TypeScript, HTML, CSS, Bootstrap, Git.