Adrian Mihai Dobre

Technical Skills

- JavaScript, ReactJS, Node.js, AWS

- TypeScript, AngularJS, Docker, Kubernetes

- Python, Django, PostgreSQL, Google Cloud

- Java, Spring Boot, REST APIs, Azure

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 Developer Associate

- Microsoft Certified: Azure Solutions Architect Expert

- Google Professional Cloud Developer

Project Experience

1. Real-time Collaboration Platform

   Developed a real-time collaboration platform using ReactJS for the frontend and Node.js for the

backend, hosted on AWS. Implemented WebSocket communication to enable instant messaging and live document editing features. Leveraged AWS services such as Lambda and DynamoDB to ensure scalability and reliability, resulting in a 50% improvement in response times during peak usage. Technologies and tools used: ReactJS, Node.js, AWS Lambda, DynamoDB, WebSocket.

2. Inventory Management System

Designed and implemented an inventory management system using AngularJS and TypeScript, with a backend powered by Dockerized microservices orchestrated with Kubernetes. The system featured real-time inventory tracking and automated restocking alerts, improving operational efficiency by 30%. Deployed the application on Google Cloud, utilizing its robust infrastructure for seamless scalability and performance. Technologies and tools used: AngularJS, TypeScript, Docker, Kubernetes, Google Cloud.