Adrian Munteanu

Technical Skills

- Java, Spring Boot
- AWS, Docker
- SQL, PostgreSQL
- Git, REST APIs

Foreign Languages

- English: C1
- Spanish: B2
- French: A2

Education

- University Name: Politehnica University of Bucharest
- Program Duration: 4 years
- Master Degree Name: Politehnica University of Bucharest
- Program Duration: 2 years

Certifications

- AWS Certified Solutions Architect Professional
- Oracle Certified Professional, Java SE
- Certified Kubernetes Administrator

Project Experience

1. Enterprise Resource Management System

Led the development of an Enterprise Resource Management System using Java and Spring

Boot, designed to streamline business operations and improve efficiency. Deployed the application on AWS, leveraging EC2 and RDS for scalable computing and database solutions. Utilized Docker for containerization, ensuring consistent environments across development and production. Implemented REST APIs for seamless integration with third-party services and used Git for version control. Technologies and tools used: Java, Spring Boot, AWS (EC2, RDS), Docker, REST APIs, Git.

2. Cloud-Based Inventory Management Platform

Architected a cloud-based inventory management platform, employing AWS services such as Lambda, S3, and DynamoDB to ensure high availability and fault tolerance. Developed the backend using Java and Spring Boot, and implemented RESTful APIs for efficient data exchange. Integrated PostgreSQL for robust data management and utilized Docker for container orchestration. Managed source control and collaborative development through Git. Technologies and tools used: Java, Spring Boot, AWS (Lambda, S3, DynamoDB), PostgreSQL, Docker, Git, REST APIs.

3. Scalable Microservices Architecture

Spearheaded the design and implementation of a scalable microservices architecture for a financial services application. Utilized Spring Boot to develop independent services and deployed them on AWS using ECS and Fargate for efficient resource management. Employed Docker to containerize applications, facilitating seamless deployment and scaling. Implemented PostgreSQL as the primary database and ensured secure API communication through REST. Maintained code integrity and collaboration using Git. Technologies and tools used: Java, Spring Boot, AWS (ECS, Fargate), Docker, PostgreSQL, REST APIs, Git.