

Adrian Florin Matei

Technical Skills

- Java, Spring Boot
- Node.js, REST APIs
- Python, Django
- SQL, PostgreSQL
- Docker, Kubernetes
- AWS, Google Cloud

Foreign Languages

- English: C1
- French: B2
- Spanish: 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 Associate
- Google Professional Cloud Developer
- Certified Kubernetes Administrator

Project Experience

1. Cloud-Based Inventory Management System

Developed a scalable inventory management system using Java and Spring Boot, deployed on AWS. The system utilized REST APIs for seamless integration with third-party services and ensured real-time data synchronization. Implemented PostgreSQL for robust data storage and Docker for containerization, facilitating easy deployment and management. Leveraged AWS services such as EC2 and RDS to ensure high availability and reliability.

Technologies and tools used: Java, Spring Boot, REST APIs, PostgreSQL, Docker, AWS (EC2, RDS).

2. Real-Time Analytics Dashboard

Created a real-time analytics dashboard using Node.js and Python, with a backend powered by Django. The project involved designing RESTful APIs to aggregate and process data from various sources, providing insights through a dynamic user interface. Deployed the application on Google Cloud, utilizing Kubernetes for orchestration and scalability. Implemented SQL queries to efficiently manage and retrieve data from a PostgreSQL database.

Technologies and tools used: Node.js, Python, Django, REST APIs, SQL, PostgreSQL, Docker, Kubernetes, Google Cloud.