

Andrei Mihailescu

Technical Skills

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

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 Associate
- Certified Kubernetes Administrator (CKA)
- Oracle Certified Associate, Java SE 8 Programmer

Project Experience

1. Online Learning Platform Development

Developed an online learning platform using Java and Spring Boot for the backend, and PostgreSQL for the database management. Implemented RESTful APIs to facilitate seamless communication between the server and client-side applications. Utilized Docker for containerization and Kubernetes for orchestrating the deployment, ensuring a scalable and resilient application architecture. Technologies and tools used: Java, Spring Boot, PostgreSQL, Docker, Kubernetes, Git, AWS.

2. Inventory Management System

Created an inventory management system using Python and Django, with a focus on real-time data processing and analytics. Designed and implemented a robust database schema using SQL and PostgreSQL to manage inventory data efficiently. Integrated AWS services for secure data storage and backup, leveraging the AWS Certified Solutions Architect knowledge to optimize cloud resource utilization. Technologies and tools used: Python, Django, SQL, PostgreSQL, AWS, Git.