

Andrea Donadello

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EDUCATION

Master's Degree in Big Data (Computer Engineering)

International UniNettuno University

Jun. 2024 - Present

Rome, Italy

Bachelor's Degree in Computer Engineering

International UniNettuno University

Jan. 2020 - Mar. 2024

Rome, Italy

EXPERIENCE

Software Backend Engineer

Mediacy Srl

June 2022 - Present

Venice, Italy

- Developed and deployed web applications with Microservices Architecture and asynchronous routines.
- Proficient in Java for backend development.
- Integrated backend services with SpringBoot, focusing on configuration, optimization, and scalability.
- Designed and optimized schemas and queries for PostgreSQL and Oracle databases.
- Utilized Docker containers for application deployment, enhancing portability and scalability.
- Configured and optimized Tomcat and WildFly web servers for Java applications.

PROJECTS

Backend Projects | *Java, SpringBoot, PostgreSQL, Oracle, Tomcat, Wildfly*

June 2022 – Present

- Utilized SpringBoot to develop efficient Java-based backend applications.
- Built RESTful APIs and microservices with SpringBoot for smooth inter-component communication.
- Optimized and configured SpringBoot applications for enhanced performance and scalability.
- Designed RESTful APIs for seamless frontend-backend integration, following RESTful principles.

Machine Learning Pipeline | *Scala, Akka, Kafka, Spark, Hadoop*

November 2023

- Engineered a scalable machine learning pipeline using Scala, incorporating Kafka for real-time data streaming.
- Implemented Apache Spark for large-scale data processing and Akka for efficient concurrent processing.
- Optimized data transformation and enrichment processes, enhancing overall data quality and processing efficiency.

TECHNICAL SKILLS

Languages: Italian (Native), English (Professional)

Programming Languages: Java (Expert), Scala, C, SQL (PostgreSQL, Oracle)

Technologies: Docker, Git, Tomcat, Wildfly

Frameworks: SpringBoot, Akka

Tools: Apache Kafka, Apache Spark, Hadoop