

# Andrea Donadello

Jesolo - Venice (Italy)

April 28, 2000

[andreadonadello@outlook.com](mailto:andreadonadello@outlook.com)

[linkedin.com/in/andreadonadello](https://linkedin.com/in/andreadonadello) | [github.com/ddonazz](https://github.com/ddonazz)



## EDUCATION

### Master's Degree in Big Data (Computer Engineering)

*International Telematic UniNettuno University*

Jun. 2024 - Present

*Rome, Italy*

### Bachelor's Degree in Computer Engineering

*International Telematic 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), C, SQL (PostgreSQL, Oracle)

**Technologies:** Docker, Git, Tomcat, Wildfly

**Frameworks:** SpringBoot, Akka

**Tools:** Apache Kafka, Apache Spark, Hadoop