

Andrea Cavallo, Software Developer

Rome, Italy, a.cavallo@outlook.it

Date of birth	25/11/1988	Nationality	Italian
Place of birth	Rome	Driving licence	B

LINKS andreacavallo.com, [Skype : a.cavallo_2](#)

ABOUT ME

- Software Developer with two years of experience in Spring Boot, Java 11, Wso2, Neo4j, Apache Camel, and Javascript;
 - Background in Mechanical Engineering which certainly helps to have an elastic mindset and stimulates curiosity;
 - Seeking an opportunity in a stimulating company that allows for growth both professionally and in technical skills while staying up-to-date with the use of new technologies.
-

WORK EXPERIENCE

Jul 2021 — Present **Software Developer, Exolab S.r.l - customer DGS S.p.A** Rome

Software Developer with end-customer **Enel Grids S.r.l**

Purpose of the project

- implementing a system of "*versioning*" of power grids;
- Migration of a monolithic architecture to a microservices architecture utilizing modern technologies, resulting in improved scalability and flexibility.

Technology used

- Designing and developing applications using Spring Framework (Spring MVC & Spring Web Flux) with Java 11, and microservice architecture;
 - A unit test was written for each java class, great consideration was also given to non-regression functional tests;
 - Implemented orchestration logic using WS02 and Apache Camel to mediate communication between micro-services (Proxy and Orchestration);
 - Knowledge of SonarQube and Clean Code principles;
 - Experience with No-SQL databases, specifically Neo4j;
 - Written documentation for each microservice and business service on Confluence (Atlassian);
 - Ability to collaborate effectively with cross-functional teams;
 - Issue Tracking : Atlassian Jira;
 - Versioning - Git (BitBucket);
 - Observability tool: Kibana, Dynatrace;
 - Performance and Stress Test - Taurus;
 - Observation of all Agile ceremonies: Daily, Retrospective, Code-Review, Planning, Refinement.
-

STAGE

Feb 2021 — Jul 2021 **Software Developer, DGS spa** Rome

- Java 8;
 - Hibernate;
 - JBOSS, (Servlets, Jsp, Jpa, EJB, JAX-RS);
 - Wildfly Web Service (Apache HTTP Server) and Servlet Container: Apache Tomcat;
 - Maven, Bamboo (BitBucket);
 - MongoDB / (SQL) MySQL, PostgreSQL;
 - Junit5 Mockito;
 - Integration Studio (Wso2);
 - Javascript, HTML, CSS;
 - JSON, XML, YAML.;
 - Bootstrap.
-

EDUCATION

Mechanical Engineering Uniroma3

Rome

Passed 23/27 exams including: *Rational Mechanics, Mathematical Analysis, Computer Science, Physics 1 2, Materials Science, Thermofluid dynamics applied to machines, Applied Electronics, Machine Drawing, Security at work, and more.*

Aug 2007

Diploma, Scientific High School

Rome

SKILLS

Java	Postman
SpringBoot	Agile Methodologies
WSO2	Atlassian Jira
Git	Team Work
ApacheCamel	SonarQube
Neo4j	Kibana
MySQL	Ability to Work in a Team
Hibernate	Ability to Work Under Pressure
JavaScript	Creativity
HTML & CSS	Apache Camel
Maven	

HOBBIES

Music production, sound design using both digital plugins and analog gear, ProTools certification, use of LogicProX, and collaboration with other producers.
Organizing trips, and discovering new cultures and customs.

LANGUAGES

Italiano (Native Speaker)	Native speaker	English (C1)	C1
-----------------------------	----------------	----------------	----

COURSES

Sep 2021 — Feb 2021	Back-end Developer, Exolab
Feb 2020 — Mar 2020	Java & Front-End Developer, FormaTemp (ManPower)
Jan 2016	English Business, InLingua (Roma)

I authorize the processing of my personal data in the cv in the accordance with Legislative Decree No. 196 of June 30, 2003 "Code on the Protection of Personal Data" and Article 13 of the GDPR (EU Regulation 2016/679).