

# Christian Luzzetti

## Senior Software Engineer

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## SUMMARY

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Passionate about computer science since childhood, my interest began with experimenting on a Commodore 64. Over time, I honed my skills in programming, engaging in projects with Arduino and Raspberry Pi. Now, as a full-time software engineer specialized in Java, I develop robust software solutions, troubleshoot systems, and mentor junior developers. In my free time, I enjoy experimenting with new technologies and languages to broaden my knowledge, and I am eager to bring my skills and experience to international projects by working abroad.

## EXPERIENCE

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### Senior Software Engineer

*Innovation Engineering*

December 2022 - Present, Rome

- Developed internal web applications tailored for PNO Group consultants by using Spring Boot 3 on Java 17, enhancing their productivity.
- Developed a service integrating our systems with Microsoft SharePoint, so that generated document could easily be synchronized with OneDrive.
- Wrote a Keycloak extension, so that the centralized auth-server would be able to authenticate users stored in a legacy CRM.
- Containerized applications using Docker, ensuring streamlined deployment processes.
- Leveraged Maven and GitLab suite for project management and CI/CD pipelines, minimizing the time wasted on deploy.
- Mentored junior developers, conducting code reviews and technical sessions on various arguments to improve team proficiency and knowledge.

### Full Stack Developer

*ISED*

October 2019 - December 2022, Rome

- Collaborated on real-time web applications for the 118 emergency response centre of Rome, so that ambulance operators would be able to triage patients, dispatch ambulances, and track emergencies.
- Refactored JPA/Hibernate code to eliminate well-known problems, significantly improving performance.
- Implemented Hexagonal architecture, enhancing modularity and testability of applications.
- Tuned Oracle database by using indexes and partitioned-tables, achieving a great reduction in query response time.
- Designed front-end interfaces using GWT, HTML, and CSS, improving user experience and speeding up development time.
- Managed deployment on WildFly 16, ensuring application stability and performance.

### IT Support Technician

*MSX-international*

July 2018 - October 2019, Rome

- Provided on-site Helpdesk support for Ford Italia, resolving software and hardware issues.
- Automated Excel reporting with VBA scripts, reducing manual reporting time.

### IT Helpdesk

*ISED*

February 2016 - July 2018, Rome

- Offered on-site IT support for the ambulance emergency services of Rome, handling Unix systems and Oracle databases.
- Developed and automated report generation with SQL queries and Excel VBA, increasing efficiency and minimizing human errors.
- Provided assistance on call, both remote and on-site, for other regional branches.

## EDUCATION

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### **Bachelor's Degree in Computer Science**

Pegaso – Online University • 2023 - Ongoing

### **Bachelor's Degree in Computer Science**

La Sapienza - University of Rome • 2010

- Withdrawn from studies, with 19 exams taken out of a total of 22

### **Programmer, Accountant, and Commercial Expert**

I.T.C. Paolo Savi • 2003 - 2009

## CERTIFICATIONS & NANODEGREES

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### **DevOps Fundamentals**

PeopleCert • 2024

- Understanding of DevOps practices and how to achieve better collaboration and communication.
- Using tools efficiently and effectively within a DevOps environment to achieve business goals.

### **Liquibase Fundamentals Certification**

Liquibase University • 2023

- Tracking, managing, and deploying database migrations.

### **M001: MongoDB Basics**

Udemy • 2022

- Learning about NoSql databases, and fundamentals of MongoDB.

### **Oracle SQL Performance Tuning**

Udemy • 2022

- Improving how to use Oracle Optimizer and Execution Plans.
- Indexing and other optimization techniques to increase Database Performance.

### **Vaadin 14 Developer**

Vaadin • 2022

### **Spring & Hibernate**

Udemy • 2021

### **Developing Applications for the Java EE 7 platform**

Oracle university • 2020

## SKILLS

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Italian (Native)

English (Advanced)

Russian (Beginner)

Java, SQL, JavaScript, TypeScript, Spring, SpringBoot, JavaEE, Hibernate, Vaadin, Oracle, PostgreSQL, HTML, CSS, Bootstrap, GWT, WebSocket, REST, JSON, Maven, Gitlab, Liquibase, Docker, SonarQube, JIRA, YouTrack, IntelliJ, Eclipse, Git, GitHub, UML, AsciiDoc, WildFly, Angular

*I authorize the processing of my personal data pursuant to Legislative Decree 101/2018 and art. 13 GDPR (EU Regulation 2016/679) for the purposes of personnel research and selection.*

