Christian Luzzetti

Software Engineer

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SUMMARY

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

Software Engineer
Innovation Engineering   **December 2022 - Present, Rome**

- Developed internal web applications tailored for <u>PNO Group consultants</u> 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.
- Designed and implemented a custom Keycloak SSO extension, enabling unified authentication across the organization's application ecosystem.
- 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 <u>118 emergency response centre</u> 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 <u>Ford Italia</u>, 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

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

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.

Javascript Algorithm & Data Structures
FreeCodeCamp • 2022
• Learning about javascript fundamentals

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

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

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