Juan Diego Merchán Jaramillo

https://juandiegodev.vercel.app/

Junior Backend Java Developer | Experienced Educator

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🔗 github.com/Juandmj82/Portafolio/tree/main   🎧 github.com/Juandmj82   in linkedin.com/in/jdmj/

PROFILE

I'm a junior developer focused on back-end development in Java. I trained in Oracle Education's ONE program in partnership with Alura Latam and in Coursera's Amazon Junior Software Developer course, where I strengthened my knowledge of data structures, web development with Spring Boot, SOLID principles, and good programming practices.

My previous experience as a teacher for more than 15 years has allowed me to develop and consolidate key soft skills that provide great value in the field of software development:

- Effective communication, both for conveying technical ideas and for collaborating with multidisciplinary teams.

- Empathy and active listening are essential for understanding the needs of users and teammates, and adapting to diverse contexts.

- Problem-solving and critical thinking, applied to lesson planning and addressing different learning styles, are now used to design and maintain technical solutions.

- Time management and planning, essential for achieving academic goals, are now applied to organizing development tasks.

- Collaborative work and adaptability, acquired by coordinating with colleagues, managers, and students, are key qualities for integrating and contributing to agile environments.

- A capacity for continuous learning, demonstrated in my transition from the classroom to the world of development, allows me to face new challenges with motivation and discipline.

- Creative thinking: innovation in the application of technological and educational solutions.

I'm interested in applying this knowledge and skills to challenging projects where I can continue to grow as a professional and actively contribute to collaborative development teams.

RELEVANT EXPERIENCE

Director   **06/2020 – Present**

Virtual and In-Person

Seven Keys School of Music

I designed and implemented pedagogical strategies for teaching music
in various formats.

I coordinated academic and artistic activities in virtual mode.

Music Teacher   **08/2013 06/2020**

Fontana School

I designed innovative methodologies for teaching musical language to

children from 7 years old.

I coordinated artistic productions, including instrumental ensembles

and stage productions.

2016-2017 Teacher Award for research in musical literacy in

preschool. See Project

EDUCATION

Bachelor of Religious Sciences   2019
                                                             Bogotá

Pontifical Javeriana University

Labor Technician in Music

Francisco Cristancho Musical Workshop   2010
                                                             Bogotá

Oracle ONE Education Program (Certificate)
                                                             2024
Oracle & Alura Latam

Development in Java and the Spring

Framework. Applied Artificial Intelligence with

Java. Web Development with Java.

Amazon Junior Software Developer   2025
Coursera

Training in software development with Java, data structures, and

Spring Boot.

TECHNICAL SKILLS

Programming Languages

Java.

Fundamentals: JavaScript, Html, CSS.

Python fundamentals and its use in the field of data analysis.

Frameworks

Spring Boot, Spring Framework, Spring Data JPA

Databases

SQL

Tools

Git, GitHub, Maven

LANGUAGES

Native:Spanish

English

Intermediate English (B1): able to read technical documentation and communicate in collaborative environments

PROJECTS

Creating a Zoo

It is designed to consolidate the knowledge acquired in object-oriented programming

(OOP), file management, and use of interfaces in Java.

https://github.com/Juandmj82/Portafolio/tree/main/creating-a-zoo

CRUD to manage products

Developed as a learning practice with Spring Boot and Thymeleaf.
https://**github.com/Juandmj82/Portafolio/tree/main/CRUDproductos**

Data Structure

The program implements a system for managing students and their exam schedules, allowing for information management through a doubly linked list.

https://github.com/Juandmj82/Portafolio/tree/main/DataStructure

Literalura Challenge

REST API development using Spring Boot and Spring Data JPA.

https://github.com/Juandmj82/LiteraAlura.git

Challenge Forum Hub

Implementing a web application with Spring Boot.

https:// github.com/Juandmj82/challenge-foro-Hub.git

Currency Converter

Java application that consumes external APIs for currency conversion.

https://github.com/Juandmj82/ConvertidorJuanDiego.git

Course Management (Music School)

Practical exercise to apply Spring Boot Security (Backend) and JavaScript/HTML/CSS (Frontend) concepts with JWT authentication and role management.

https:// github.com/Juandmj82/Portafolio/tree/main/EscuelaDeMusica

For more projects visit the portfolio

https://github.com/Juandmj82/Portafolio/tree/main