



# Salvatore D'Ambrosio

Born in Scafati (SA), Italy, on May 10th, 1996

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**Github:** [SDdev](#)

**Website:** [sddev96.github.io](#)

## Languages

Italian (Native) & English (B2 Certificate)

**Driving License B**

**Open to relocation**

## Education

### BSc in Computer Engineering (L-8)

University of Salerno, Italy - In progress

Bachelor's Degree focused on both hardware and software systems. It included the following topics:

- Mathematics and physics
- Operating Systems
- Computer Networks
- Algorithms and Data structures
- Web technologies
- Software engineering
- Hardware engineering
- Databases

*Graduation expected by December 2025.*

## Work experience

### Software developer @Nexsoft - Salerno

August 2025 - October 2025

- Design and implementation of Retrieval-Augmented Generation systems (**RAG**) using **generative AI** models on **Python**
- Design of automatic evaluation framework based on the “**LLM-as-a-Judge**” on **Langfuse** platform

### Web developer @T30 Web Agency - Eboli (SA)

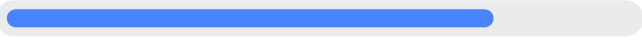
July 2024 - December 2024

- Design and development of websites for small companies on **Wordpress**, using **JS** and **PHP**

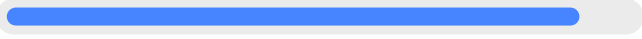
# Hard Skills

## Programming languages & Databases

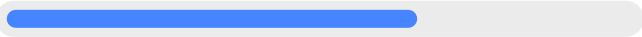
Java



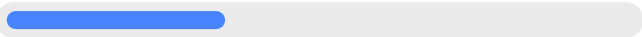
HTML&CSS



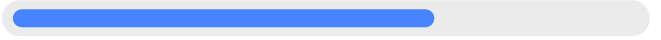
PHP



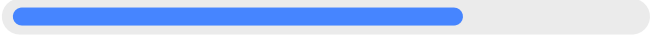
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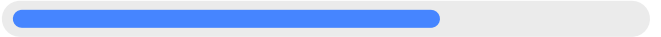
Javascript/Typescript



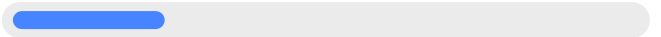
Python



PostgreSQL



Assembly



## Frameworks & Libraries

ReactJS



Bootstrap



Java FX



Sass



Java spring



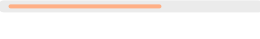
Tailwind



Langchain



Micropython



## Platforms & Tools

- Git&Github
- Windsurf/VSCode
- pgAdmin
- Wordpress
- Figma
- Node-RED
- REST APIs
- Langfuse

# Soft Skills

## Problem Solving

My detail-oriented and persistent approach enables me to find optimal solutions to problems and tasks, allowing me to perform well even under pressure.

## Teamwork

Thanks to my experience with academic projects and professional work, i have developed persistence and adaptability, which allow me to integrate into any team. I strongly believe in fairness and equity, which guides my interactions and fosters a positive and respectful work environment.

## Leadership

Driven by both inclination and enjoyment I have taken on the role of team coordinator in all my academic projects, ensuring effective time management, balanced task distribution, and a positive team dynamic. Whenever issues arose, I was proactive in identifying and implementing the most suitable solutions.

## Creativity

Creative by nature, I enjoy combining utility, simplicity, and elegance whenever the task requires it. In my work, I apply this approach to ensure clean code, reusability, and modularity. ***"When genius binds creativity to utility, great ideas are born".***

# Projects

## IntelliCurtain

Smart-home curtain designed and developed for the IoT course. In addition to the software component implemented with **MicroPython**, we focused on the hardware side, using an **ESP32** chip and various I/O components, with remote-control capability via the **MQTT protocol**.

## RAG-Evaluator

Internship project for the design of an automatic evaluator framework based on “**LLM as a Judge**” to measure and improve the performance of RAG systems developed using **Generative AI** models. The framework is developed using **Python** and multiple libraries, such as **langchain** and **docling**.

## Spiderman Home

**Full-stack** university project aimed at promoting a Spider-Man-themed product and selecting a winner from among the website's registered users. The frontend was developed using **HTML**, **CSS**, and **JavaScript**, while the backend was implemented in **PHP** with a relational DBMS built in **PostgreSQL**.

## Athletics

Academic project focused on the development of a **DBMS** for the World Athletics Championships. We worked on both the design of the **ER model** and its implementation through tables and queries using **PostgreSQL** and **pgAdmin**.

## My Calendar

Individual **full-stack** project for the development of a personal calendar, aimed at learning and deepening knowledge of web technologies. The backend was developed using **Java Spring Boot** and a **PostgreSQL** database, with **REST APIs** created to handle CRUD operations. The frontend was built using **ReactTS** and powered by **Vite.js** as package builder.

## Disclaimer

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

Salvatore D'Ambrosio