



# Salvatore D'Ambrosio

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

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## 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

*One exam remaining. Graduation expected by the end of 2025.*

## 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.

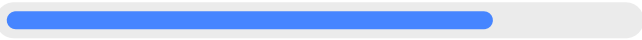
### Creativity

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".***

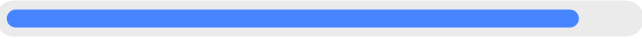
# Hard Skills

## Programming languages & Databases

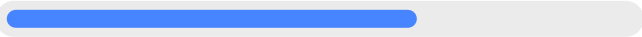
Java



HTML&CSS



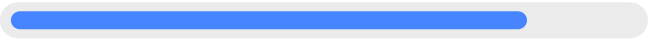
PHP



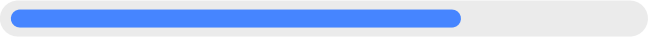
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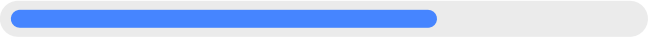
Javascript



Python



PostgreSQL



Assembly



## Frameworks & Libraries

ReactJS



Java spring



Bootstrap



Tailwind



Sass



# 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**.

## Videogames site

Website for searching, selecting, and reviewing video games. This individual project is aimed at learning and deepening knowledge of **ReactJS** and **REST APIs**, as well as exploring React CSS libraries for styling.

## 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 **Vite** 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*