

# Manuel Placella

Tel. (+39) 346-798-0233 | [manuelplacella98@gmail.com](mailto:manuelplacella98@gmail.com) | [Github: manuelplacella](https://github.com/manuelplacella) | [LinkedIn: manuelplacella](https://www.linkedin.com/in/manuelplacella)  
Portfolio <https://manuelplacella.com>

## EDUCATION

### Alma Mater Studiorum - Università di Bologna

Bologna, Italy

Master's Degree in Computer Science with a grade of 110/110 and praise

Sep. 2022 – Dec. 2024

- Thesis project titled *Customer Segmentation Using Clustering Techniques*, in which I applied advanced algorithms to analyze the customers of a private higher education institution, identifying behavioral and purchasing patterns. This provided strategic insights to personalize services and optimize marketing strategies..

### Università degli Studi della Basilicata

Potenza, Italy

Bachelor's Degree in Computer Sciences and Technologies with a grade of 103/110

Sep. 2017 – Jul 2022

- Thesis on a Java-based RPA application with GUI to automate tasks like quiz generation in XML, conversion to PDF, compiling into a single PDF, Excel sheet filling, and data publishing on a university server.
- Additional Coursework:** Completed the CISCO CCNAv7, earning certification.

## CERTIFICATIONS

### GCP - Google Cloud Platform

Bologna, Italy

Google Cloud Professional Data Engineer Certification

Oct. 2024

## WORK EXPERIENCE

Horsa Insight S.R.L

Bologna, Italy / Remotly

### Data Engineer

Jan. 2026 – Current

- Design, development, and management of end-to-end cloud data pipelines—including ingestion, transformation, orchestration, and data quality—for enterprise clients in the retail and mass-market retail sectors.

Horsa Insight S.R.L

Bologna, Italy / Remotly

### Data & Analyst Consultant

June 2024 – Dec. 2025

- Management and maintenance of client company databases, ensuring data integrity and optimal performance.
- Resolution of client issues by addressing support tickets.

Progetti indipendenti

Remotly

### Sviluppatore freelance

May. 2026 – Current

- Occasional design and development of custom websites and applications for private clients, alongside my primary role — from concept to launch.

## PROJECTS

### Year Song Prediction

[More Info](#)

- Project for the "Data Analytics" Course. Covering all phases of the data analysis pipeline.

### Motion Deblurring

[Github Repo](#)

- Project for the "Machine Learning" Course.

### AI for Olive Oil Authenticity

[Github Repo](#)

- Project for the "Artificial Intelligence" Course focuses on fighting olive oil fraud by authenticating the geographic origins of extra virgin and virgin olive oils (EVOO and VOO).

### Geo-Referenced Photo Management System

[Github Repo](#)

- Project for the "Context-Aware Systems" Course focuses on creating a software platform for managing georeferenced photographic images.

## EXTRA ACTIVITIES

UNPLI BASILICATA

Pietrapertosa, Italy

### Servizio Civile Universale - Volunteering

Nov. 2019 – Sep. 2020

- Planning, coordination, and management of local events aimed at promoting and enhancing the cultural and natural heritage of the territory.
- Collaboration with local authorities, associations, and volunteers for the creation and implementation of various activities.
- Production of promotional materials and use of social media platforms to spread awareness of events and local initiatives.

## SKILLS

**Technologies:** Python, Java, SQL, Pandas, NumPy, TensorFlow, PyTorch, Keras, Matplotlib, Git, Data Structures, Algorithms, C++, HTML, CSS, JS.

**Languages:** Italian (Native), English (B2).