

# DR. ING. MANUELE PESENTI

I have been working as a web developer for almost twenty years, following postgraduate training focused on geodesy, geomatics, and survey techniques. My role involves developing GIS and web GIS applications within projects carried out in partnership with public administrations, universities, and major companies operating in the local area.



## CONTACT

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## SKILLS

### Programming

- Python
- PostgreSQL
- Javascript
- Bash
- VueJS
- HTML/CSS
- LaTeX

### Operating Systems

- Linux
- MacOS
- Windows

### Software & Tools

- QGIS
- GRASS GIS
- PostGIS
- WebGIS development  
(e.g. Leaflet, Openlayers, ...)
- Docker

### Other skills

- Front-end development
- Office automation  
(e.g. Libre Office, MS Office, ...)

### Languages

- Italian
- English

## CERTIFICATES

IELTS

## POSITION HELD

Senior Scientist GIS developer. My technical skills deal with the design and maintenance of databases for the management of geographic data, back-end and front-end development.

## WORK HISTORY

- 📅 30 Sep. 2021  
📍 Gter - Genova  
**Senior Scientist GIS developer**  
Maintainer and developer of different GIS and monitoring systems and web applications on behalf of public administrations, universities and private customer societies.
- 📅 09/2016 - 09/2021  
📍 Colouree s.r.l. - Genova  
**Full-stack developer**  
Web applications development with support of Real Estate Market leveraging geo-referred data and urban spatial analysis with the aim to provide a deep understanding about locations and neighbourhood, allowing users to easily match their needs, in term of lifestyle and business with the right location and surroundings.
- 📅 2009 - 09/2016  
📍  
**Freelance software developer**  
Collaboration with companies on partnership projects and with public administration departments at the local and regional levels.

## EDUCATION

- 📅 12/2004 - 12/2007  
📍 Politecnico di Torino  
**PhD, Environmental geo-engineering**  
Measure and control of deformations with GNSS methods
- 📅 08/1994 - 09/2005  
📍 Politecnico di Torino  
**Degree, Civil Engineering Transportation specialization**  
GPS-INS Techniques for Automating Photogrammetric Methods

## MAIN ACTIVITIES

