

PERSONAL INFORMATION

Andrea Calonghi

📍 Via Cappi 18, 26022 Castelveverde (Cremona) (Italy)

☎ +393280010143

✉ andrea.calonghi@tin.it

📅 **Date of birth** 20/07/1981 | **Nationality** Italian

WORK EXPERIENCE

Jan 2015–Present

Head Designer

Consultant for an important Company in the Automotive field:

Hydraulic Brake Pumps (for Heavy duty and tractors)
Testing activities for Hydraulic Brake Pumps

Business or sector Automotive

Sep 2014–Present

Mechanical Designer

Consultant for an important Company in the Automotive field:

Designer of Mechanical Vacuum Pumps (MVP-Brake Systems)

Business or sector Automotive

Jul 2011–Present

Partner at Gamma Engineering Srl

Gamma Engineering Srl
Via Persico 20/C, 26022 Cremona (Italy)

Gamma Engineering is a company active in the fields
of Mechanical design, Research & Development, Automotive and Défense.

TUV Rheinland Certified - ISO-9001:2005

Business or sector Consultancy

2010–2011

Visiting Professor

University of Pavia, Pavia (Italy)

During the second semester (academic years 2010 – 2011), I got lectures at the third-year students of Mechanical Engineering in Automatic Design. The lectures were focused on the use/training of Autodesk Inventor in real-work situations.

2006–2011

Junior designer

Gamma Engineering Srl, Cremona (Italy)

In the activity of Consultant in Mechanical Engineering I had the opportunity to operate as designer in the fields of:

- Wood working machines
- Textile machines
- Glass working machines
- Pharmaceutical machines.

Business or sector Consultant in Mechanical Engineering

EDUCATION AND TRAINING

- 2008–Present **Register of Engineers - Cremona**
N° of registration 1437
- 2008 **Engineering Qualifying Examination**
- 2005–2006 **Master of Science**
Cranfield University, Cranfield (United Kingdom)
Master by Reserach with Thesis developed in cooperation with the **Nissan Technical Centre of North Europe**, Technology park Cranfield.
"Alternative design of front door side impact beam for Nissan Navara".
- 2003–2006 **Master's degree in Aerospace, Aeronautical and Astronautical Engineering**
Politecnico di Milano, Milano (Italy)
- 2000–2003 **Bachelor's degree in Aerospace, Aeronautical and Astronautical Engineering**
Politecnico di Milano, Milano (Italy)
- 1995–2000 **Secondary school** 100/100
Liceo Scientifico "G. Aselli", Cremona (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
TOEFL					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills Good team working skills.

Job-related skills -Mentoring skills (I am responsible of training and induction of new employers at Gamma Engineering)
-Training skills (Autodesk Inventor trainer)

Digital skills **Advanced:** Autodesk Inventor; Autodesk AutoCAD; Autodesk AutoCAD Mechanical; PTC Creo; PTC Pro-E; PTC PDM link; Sheet metal module in Autodesk Inventor.
Intermediate: Microsoft Office tool; Autodesk Simulation Mechanical (FEM); Autodesk Nastran in Cad; Matlab.