

Nicola Zacchei

MECHANICAL DESIGN & DEVELOPMENT

info@nicolazacchei.it | LinkedIn profile

PROFILE

Industrial designer and mechanical professional with more than ten years of hands-on experience in mechanical diagnostics, repair, engine overhaul and manufacturing operations. Currently involved in 2D/3D technical design, prototype and tooling development, and production support. Pursuing an undergraduate degree in Industrial Engineering with a mechanical curriculum.

PROFESSIONAL EXPERIENCE

Industrial Designer | Monetti S.r.l. (May 2025 - Present)

2D/3D technical drafting; supervision of automatic and semi-automatic production machinery; technical documentation, prototypes, tooling, and production planning and control procedures.

Mechanical Technician | Euromotori S.p.A. (Aug 2023 - Apr 2025)

Mechanical and automotive-electrical repair and diagnostics, including replacement of mechanical and electronic components.

Mechanic, Engine Technician and Machinist | Rettifica OMC (Apr 2019 - Jul 2023)

Engine machining and assembly, precision measurement and inspection; operation of grinding and machining equipment; welding using electrode, MIG, TIG and oxy-acetylene processes.

Mechanical Technician | Peugeot Dealership (Jun 2018 - Mar 2019)

Mechanical and automotive electrical component repair and replacement.

Mechanical Workshop Operative | Nuova Omnia S.r.l. (Feb 2016 - Jun 2018)

Construction, assembly, maintenance and overhaul of mechanical components.

EDUCATION & TRAINING

BSc studies in Industrial Engineering — Mechanical Curriculum — Università Niccolò Cusano | 2023 - Present | Degree in progress

Professional certification for periodic vehicle inspections — Region of Tuscany-recognised training | Apr 2015

CAD training: SolidWorks and Autodesk Fusion 360 — Additional coursework; dates and providers to be confirmed

Technical Diploma in Energy Systems — IPSIA Arcidosso | 2012

Vocational Qualification: Perito Meccanico — IPSIA Arcidosso | 2009

SKILLS & TOOLS

CAD: SolidWorks, Autodesk Fusion, TopSolid (3D), AutoCAD (2D).

Mechanical: technical drawings, 3D assemblies, engine overhaul, machining, measuring tools, welding, prototyping and production equipment.

Software: Microsoft Office, Octave and R. Languages: Italian (native); English (A2-B1 depending on skill, per CV).