

Innovation engineer

Tretau is a technology company working at the heart of the energy transition, committed to decarbonising energy and electrifying transport options. Its patented technologies combine the need for sustainable, resource-efficient production with the power, reliability and performance required by electric vehicles and machinery. This makes it possible to manufacture smaller, more durable, more environmentally-friendly and more powerful motors, transformers and generators. Tau Group's focus is on protective coatings for high-performance copper, aluminium, and steel wires with a low environmental impact.

The Person

We are looking for a motivated and experienced individual to join our Innovation Engineering team, contributing to the development of groundbreaking machinery and systems. The ideal candidate will have 1-2 years of experience in a similar role and will collaborate closely with cross-functional teams to conceptualize, design, prototype, and implement cutting-edge mechanical and mechatronic solutions.

Main Responsibilities:

- Develop innovative concepts for new machinery and automation systems.
- Create prototypes, conduct feasibility studies, and oversee testing and validation processes.
- Collaborate with product engineering, design and production teams to ensure seamless integration of new technologies into production.
- Evaluate performance data to improve functionality, safety, and efficiency of machines.
- Prepare technical documentation, including design specifications, test reports, and user manuals.
- Support the intellectual property (IP) strategy by contributing to patent applications.
- Engage with suppliers, partners, and academic institutions to explore collaborative innovation.

Key Features

- Bachelor's or Master's degree in Mechanical Engineering, Mechatronics, Industrial Engineering, or related technical field.
- Hands-on experience in prototyping and mechanical testing
- Excellent written and verbal communication skills
- Strong interpersonal and cross-functional collaboration skills (internal and external: suppliers/customers)
- Flexibility and decisiveness under pressure
- Problem-solving mindset with a structured, results-oriented approach
- Passion for innovation and creative thinking

Are you ready to develop advanced solutions to support automotive and energy industries across their challenges? Please, send your CV to recruitment@tau.group

Tretau is an equal opportunity employer. We ensure inclusive recruitment and fair career advancement, strictly prohibiting discrimination based on gender identity, sexual orientation, disabilities, socio-economic background, health conditions, age, religion, or any other characteristic protected by law. In compliance with Italian law (L. 903/77), all selection processes are open to candidates of any gender.

