

## Tech Roles – Focus on the Industrial Sector

### What is the industrial sector?

The industrial Sector is divided in 4 sub sectors: Energy, Transport, Aerospace, Manufacturing & Chemicals.



If you are planning to work in a technological function, the industrial sector could be a good option to be considered. Big industrial companies are innovating, adapting their structure and processes, being more digital and will need profiles like you.

Today, the plant itself becomes virtual. Solvay, a chemicals company, is in the process of designing a complete digital avatar of its plant in France. Other example, at Safran Aircraft Engines, each physical product has its own digital avatar. The transition to an industry 4.0 represents a new challenge, a decisive turning point for companies in the sector. It will inevitably generate, upstream, needs in purely digital skills, virtualization, simulation. Skills that will be exercised internally, in large companies or in start-ups. The Technology is everywhere and these companies will need expert to support these changes.

Let's have a look one concrete roles you can have: a **Quantitative Analyst** at Total (Energy). A **Machine Learning & Medical Imaging Intern** at Bayer (Chemicals). A **Digital R&D Intern** at ABB (Electrical & Electronic Manufacturing company). You want to discover more roles, you can click below to find examples of opportunities on LinkedIn:



[Energy](#)



[Transport](#)



[Manufacturing](#)

### Why joining the Industrial Sector?

**Innovative:** the companies of the industrial sector need to innovate to remain competitive. Example of the automotive sector changing a lot, companies are adapting their activities to the challenges the society is facing. The cars need to be lighter to consume less, the plastic tend to be replace by biomaterials, green energies are at the top of priorities.

**Strong Career plans.** In the industrial sector the companies have great HR & Career Development structure to be sure their collaborators could evolve, move, learn within the companies. Individual Career Plans are defined to identify the next move of each person, training plans are built to train people feeding the competencies gap to reach the next career step. Some companies hire people defining the next professional move 2 or 3 years after the integration.

**Make an impact.** Working in the industrial sector allows you to have an impact on the society. For example, working in the aeronautical sector, you are participating on changes that will affect way of life.