



Atul Choudhari

Chief Technology Officer

Tata Consulting Engineers

EDUCATION

B. E. Chemical Engineering

DOMAIN KNOWLEDGE

1. Energy Transition and Industrial Decarbonisation
2. Refining, Petrochemicals and Process Industries
3. Green Hydrogen and Clean Energy Technologies
4. Grid Modernisation and Energy Storage Systems
5. Advanced Industrial and Manufacturing Infrastructure
6. Digital Engineering & AI in Industrial Design

SOCIAL

<https://www.linkedin.com/in/atulbchoudhari/>

- Fellow Engineer & Chartered Engineer at the Institute of Engineers India
- Member of the American Chemical Society
- Member of the American Institute of Chemical Engineers
- Fellow Engineer at the Indian Chemical Society

PERSONAL

In his free time, Atul enjoys reading Marathi literature. He is also a music student plays 'Tabla'

Atul Choudhari is the Chief Technology Officer at Tata Consulting Engineers, a wholly owned subsidiary of Tata Sons. With over three decades of experience in engineering, technology strategy, and complex project delivery, he brings deep cross-sector expertise spanning Power, Hydrocarbons and Chemicals, Mining and Metals, Advanced Facilities, and Infrastructure.

As CTO, Atul is responsible for shaping the organisation's technology vision and guiding innovation across industrial and infrastructure ecosystems. His work focuses on the convergence of engineering excellence, sustainability, and emerging industrial technologies. He provides strategic direction on technology investments, capability development, and innovation initiatives that support long-term industrial growth.

His areas of engagement include energy transition, green hydrogen and its derivatives, green steel, battery energy storage systems, grid modernisation, smart infrastructure, semiconductor facilities, data centres, and low-carbon industrial pathways. He also guides the adoption of advanced engineering platforms and artificial intelligence-enabled design practices to improve productivity, safety, and lifecycle performance of projects.

He plays a key role in helping industry navigate technology shifts driven by decarbonisation, new manufacturing ecosystems, and evolving energy systems. Through structured technology roadmapping and collaboration with academia, research institutions, and technology partners, he supports the development of future-ready engineering capabilities across sectors.

Before joining Tata Consulting Engineers in 2017, Atul spent over two decades with Aker Solutions, contributing to large-scale projects in refining, petrochemicals, and gas processing. His technical foundation includes process engineering, advanced simulation, and process safety leadership.

A gold medallist and first-rank holder in Chemical Engineering, Atul is a recognised voice in national and international forums on the energy transition, clean technologies, and industrial innovation. He has authored several technical papers and actively mentors young engineers while contributing to academic curriculum development.