



# Giridhar Gandhi



## Objective

Seeking a full-time opportunity to contribute, learn, and grow within a dynamic team. Eager to bring dedication and adaptability to support impactful projects and achieve mutual success.

## Get in touch!

### Mobile:

+49 176 41460233

### Email:

[giridhargandi18@gmail.com](mailto:giridhargandi18@gmail.com)

### LinkedIn:

<https://www.linkedin.com/in/giridhar-gandi>

## Soft Skills

- Play Maker - GC Index
- Project Management
- Leadership

## Hard Skills

- Python
- Power BI
- LEAP
- HomerPro

## Volunteering

- Member at Toastmasters international for public speaking.
- Volunteered for Akshara Educational and Welfare society to teach underprivileged children.

## Hobbies

- Playing Cricket
- Listening Music
- Travelling

## Languages Spoken

- English - Proficient
- German - Beginner
- Telugu - Native
- Hindi - Native

## Education

### Universitat Politècnica de Catalunya

Master of Science in Renewable Energy Engineering (Year -2),

- Techno-economic assessment of energy storage solutions
- Optimization of electricity and heating networks
- Decarbonization solutions for Industries
- Hydrogen applications and feasibility studies

### KTH Royal Institute of Technology

Master of Science in Sustainable Energy Engineering (Year -1),

- Energy System Analysis: 3E- scenario analysis
- Climate Harmonization: GHG emissions study
- Energy Management and Optimization of energy usage
- Feasibility of battery-integrated solar PV

### ESADE Business School Barcelona

Diploma in Innovation and Entrepreneurship (2022 -2023)

- Entrepreneurship and New Venture Creation Project, Design thinking, Creativity, Strategy and Innovation and Agile Project management

### Amity University, India Bachelors in technology

Bachelor of Technology in Mechanical Engineering (2015 -2019)

- 4 - Year course which covers core topics of Mechanical engineering.

## Work Experience

### Master's Thesis at Siemens Energy - Germany (June'24 - Present)

- Developing an economy wide energy system model of Germany using PyPSA.
- The main aim of the thesis is to analyzing hydrogen import options to meet future demand, focusing on the techno-economic aspects within a coupled energy system.

### Project Engineer at Zhenshen Insulation - India (Feb 2022 - Aug 2022)

- Co-ordinated with International team for site projects in India.
- Created and guided a team of 4 junior engineers for monitoring the applications of Borosilicate brick lining.
- Planned, managed resources and successfully executed 2 projects of flue can Borosilicate brick lining.

### Project Engineer at Kuber Enterprises Pvt. Ltd. - India (June 2019- Jan 2022)

- Led a chimney construction project valued €3.4 million for a 660 MW coal thermal power plant for flue gas desulphurization.