

# Sayan Mandal

📍 Kolkata, Dist-South 24 Parganas, Garia-700152, West Bengal

✉ [sayanmanda1922001@gmail.com](mailto:sayanmanda1922001@gmail.com) ☎ +91 6294513408 🌐 [linkedin.com/in/sayan-mandal-b07283204](https://www.linkedin.com/in/sayan-mandal-b07283204)  
🐙 [github.com/sayanmanda](https://github.com/sayanmanda) 🏠 [hackerrank.com/sayanmanda192201](https://hackerrank.com/sayanmanda192201)

## Experience

TITAGARH WAGONS LTD. (TWL)

Jan 2023- Mar 2023 Kolkata, WB

- Worked on drawing, design and technical presentation of various Railway wagon and components.
- Assisted the mechanical engineering team in designing various railway wagons and components.
- Worked on creating technical drawings and specifications for the railway wagons and components using CAD software.
- Conducted research on industry standards, safety regulations, and performance requirements related to railway engineering.

## Education

|                                    |                |                                    |
|------------------------------------|----------------|------------------------------------|
| Netaji Subhash Engineering College | CGPA: 8.64     | Bachelor of Technology (2019-2023) |
| Midnapore Town School              | Percentage: 60 | WBCHSE    Class: XII (2019)        |
| Midnapore Collegiate School        | Percentage: 65 | WBBSE    Class: X (2017)           |

## Skills

**Development :** Front-End: React.js (HTML, CSS, JS), Bootstrap || **Back-End:** Firebase, MongoDB, Node.js

**Core Qualification :** AutoCAD & Revit expertise || CNC programming || ANSYS WorkBench

**Tools :** Git || Windows

## Projects

**Personal Project :** Create a Responsive Portfolio Website Using React.js

The goal of this project is to create a responsive portfolio website using React.js. The website utilize CSS or CSS frameworks like Bootstrap or Material-UI to create an appealing and visually cohesive design.

**Academic Project :** Vibration Analysis of Rear Axle of an Automobile (TATA ACE)

This project entails The modal analyses are conducted to design the rear axle shaft of steel material. For medium duty vehicle purposes with two ends spur geared and six specimens are casted and teste under FFT analyzer.

## Professional Certificate

- Certified value added training on 'AutoCAD 2D' from 12.04.2021 to 26.06.2021.
- Certified value added training on 'Web Development' from 01.10.2022 to 26.11.2022.
- Certified value added on 'CSS' from HackerRank.

## Achievement

- 5\* Python, HackerRank
- 5\* Java, HackerRank

## Curricular Activity

Mobile Photography || Drawing || Cricket