



Saurabh Kushwaha

Mechanical Engineer

My Contact:

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📍 Satna, (M.P)

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Education:

Bansal Institute of Science and Technology Bhopal (MP)

B. Tech in Mechanical Engineer (2021-2025) CGPA till 5th semester 7.50

Class XII (2020-2021)

Sudarshan Public Higher Secondary School, Satna
80 %

Class X (2018-2019)

Sudarshan Public Higher Secondary School, Satna
80 %

Technical Skills:

- Basic CAD Software.
- Programming: Basic knowledge of Python, or C.
- Basic AutoCAD (Drafting and Modelling).
- Basic understanding of MS Excel and MS Word.
- Basic Knowledge of Lathe, Drilling, Welding.

Soft Skills:

- Problem-Solving.
- Teamwork.
- Communication.
- Time Management.
- Adaptability.

Achievements:

- NSS B – Certificate.
- Scout and Guide Certificate.
- IC engine internship program.

Hobbies:

- Drawing in Auto CAD.
- Listening to Song.

Career Objective:

Enthusiastic and detail-oriented Mechanical Engineering graduate with a solid foundation in engineering principles, CAD design, and project management. Adept at problem-solving and committed to continuous learning and professional development. Seeking an entry-level position to apply my technical skills and contribute to innovative engineering solutions.

Projects:

1. Design and Development of a Low-Cost Microscope:

Description: Developed a cost-effective microscope using readily available materials, enhancing magnification capabilities for educational purposes. This project emphasized innovative design and practical application of mechanical engineering principles.

2. Design and analysis of a small-scale wind turbine:

Description: Developed a small-scale wind turbine integrating Bluetooth device HC05 and a voltage sensor. Enabled remote voltage monitoring to optimize performance and maintenance. Focused on sustainable energy solutions and practical applications of IoT technology.

3. Wind Resource assessment & site suitability for offshore site:

Description: Wind Resource Assessment and Site Suitability for Offshore Locations. Conducted a detailed study of wind resources and evaluated site suitability for offshore wind energy projects. Used weather data and maps to find the best locations, estimate potential energy production, and study environmental impacts. Made recommendations to improve the efficiency and feasibility of offshore wind farms.

Interpersonal skills:

- Leadership Quality.
- Multitasking.
- Creativity.
- Team Work.
- Communication.

Language:

- English.
- Hindi.

Area Of Interest:

- Basic Thermodynamics.
- Basic IC Engine.