

# SUJAL GAJBHIYE

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## Education

- **Nagpur Institute of Technology, Nagpur** 2021 – 2025  
*Bachelor of Technology, Mechanical Engineering* CGPA: 7.21
- **Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur** 2019 – 2021  
*HSC, Maharashtra Board* Percentage: 87%

## Professional Experience

- **Rishikesh Suzuki Motors, Nagpur** May 2024 – Present  
*Intern*
  - Worked in a dynamic automotive service environment, assisting in vehicle diagnostics, maintenance, and repair.
  - Gained hands-on experience with BS4 and BS6 emission standard vehicles, learning about engine management and emission control systems.
  - Assisted senior technicians in troubleshooting mechanical and electrical issues, reducing vehicle downtime.
  - Understood the differences between BS4 and BS6 norms, including stricter limits on NOx, PM, and CO in BS6 vehicles.
  - Serviced vehicles with advanced emission systems, improving fuel efficiency and reducing pollutants.

## Personal Projects

- **Job Portal — Python, Django, SQL** Oct 2025
  - Developed a recruitment platform with Recruiter & Candidate roles, secure authentication, and role-based access.
  - Implemented Django ORM and CRUD operations with search & filters by category/experience to make it fresher-friendly.
- **Automated Staircase for Physically Challenged People — AutoCAD, SolidWorks** Dec 2024
  - Designed and developed an automated staircase to assist physically challenged individuals to operate it independently.
  - Implemented a rope-pulley mechanism for smooth stair navigation and created detailed 3D models in SolidWorks and AutoCAD.

## Technical Skills and Interests

- **Programming Languages:** Python, HTML, CSS, SQL
- **Frameworks & Libraries:** Django, NumPy, Pandas, Matplotlib, Seaborn, Open CV
- **Database:** PDBC, MySQL
- **Developer Tools:** VS Code, Jupyter Notebook, PyCharm, Datasheets
- **Version Control:** Git, GitHub
- **Soft Skills:** Collaboration, Flexibility, Precision, Logical Reasoning
- **Coursework:** DBMS, OOPs

## Achievements

- ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers) – Student Member during college.