

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.