

# Janu Ahirwar

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## SUMMARY

Aspiring Mechanical Engineer with strong fundamentals in mechanical systems, hands-on training in CNC/VMC programming and operating, and growing expertise in CAD, simulation, and software tools. Skilled in technical drafting, product design, and engineering simulations using industry-standard tools. Enthusiastic learner, eager to apply knowledge in innovative projects and contribute to organizational growth.

## TECHNICAL SKILLS

- CNC / VMC Programming and Operating – Machine setup, G-code & M-code, precision machining operations.
- HTML – Web structuring, semantic tags, and GitHub project deployment.
- Python Programming Language – Problem-solving, scripting, and OOP-based applications.
- AutoCAD 2D/3D – Drafting and 3D design of mechanical parts as per industrial standards.
- ANSYS (FEM/CFD) – Structural, thermal, and fluid dynamics simulation and analysis.
- SolidWorks – 3D modeling, assemblies, and motion study for product design.

## PROJECTS

### Hydroelectric Power Plant (Academic Project)

- Studied and analyzed the working of a hydroelectric power plant.
- Prepared project documentation and design analysis focusing on renewable energy.

### PokeWorld – All Pokémon in One Place (GitHub Project)

- Developed a web-based project showcasing all Pokémon in one place.
- Implemented using HTML, CSS, and JavaScript.
- Source code available at: [github.com/janu200512/PokeWorld-All-Pok-mon-in-One-Place.git](https://github.com/janu200512/PokeWorld-All-Pok-mon-in-One-Place.git)

## EDUCATION

### Bachelor of Technology (B.Tech) – Mechanical Engineering

University Institute of Technology, RGPV Shivpuri, MP | 09/2024 – Present

### Diploma in Mechanical Engineering

Government Polytechnic College, Ashok Nagar, MP | 09/2021 – 05/2024 | CGPA: 7.03

### High School

Sunrise School, Ashok Nagar, MP | 07/2011 – 08/2021

## LANGUAGES

- Hindi (Fluent)
- English (Intermediate)

## HOBBIES

- Traveling: Exploring Mountains, Rivers, Waterfalls, Hill Stations
- Games: COD, BGMI, Free Fire
- Music: Hip Hop, Old 90s Songs, Punjabi Songs, Bhojpuri Songs
- Sports: Volleyball, Cricket, Table Tennis