



# Ayush Ravish

Pursuing B.E. in Mechanical Engineering

## Contact

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## Education

### UG COURSE

**JSS Academy of Technical Education**

BE in Mechanical Engineering  
2022 – 2026  
Current GPA – 7.61

### SECONDARY EDUCATION

**Jnana Sweekar PU college**  
PCMB  
2020 – 2022  
Percentage – 70

### PRIMARY EDUCATION

**Alpine Public School**  
2011 – 2020  
Percentage – 70

## Skills

### TECHNICAL SKILLS

- CAD  
Drafting, Modelling
- CAE  
Analysis, Simulation
- Basics of Ansys
- Basics of MATLAB
- Basics of Programming  
Python

## Summary

a Dedicated and precise Mechanical Engineering student with a strong foundation in CAD design, proficient in tools like SolidWorks and Fusion 360, complemented by basic knowledge of CNC programming. Experienced in applying theoretical concepts to practical projects, demonstrating problem-solving skills and adaptability. Passionate about contributing to innovative engineering solutions, collaborating effectively in dynamic environments, and continually expanding technical expertise to drive professional growth.

## Internships & Experience

- DATE: 3/3/2025 to 3/6/2025  
Alphaabets  
INTERNSHIP IN MARKETING TECHNICAL TOOLS AND FACILITIES FOR TECHNICAL R&D

## Projects

- **Hydraulic anti flood system (HAFS)**  
A model of a platform that can elevate the foundation of infrastructure to avoid property damage due to floods.
- **Botanical Irrigation and maintenance system (BIMS)**  
A working prototype of watering system primarily made for nurseries, with a watering pump that can move across a fixed axis to water plants in a single line.
- **Chassis design for a student formula race car**  
Designed a chassis as per rules and regulations set by the competition organizers for a student formula car.

## Intrapersonal skills

- Problem solving
- Attention to detail
- Communication
- Creativity

## Achievements

- 2<sup>nd</sup> prize in the science exhibition competition hosted at the national science fair.
- Participated in awareness campaigns for education for underprivileged children.

## Hobbies

- Video games
- Cinematography

## Certifications

- Solidworks course- Udemy
- ANSYS simulation course- Udemy