

# SHAIK ABDUL NAYEEM

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## SUMMARY

Mechanical Engineering student with a solid foundation in design and proficiency and skilled in statics, dynamics, and has a solid understanding of core mechanical engineering subjects. Known for strong analytical skills, adaptability, and a passion for continuous learning. Eager to contribute to innovative and efficient engineering solutions in a dynamic environment.

## EXPERIENCE

**Car design intern** Jun '24 — Jul '24  
BABA AUTOMOBILE PVT LTD Pune, India

- To gain experience in automotive design through internships or junior design positions.
- To learn from experienced designers and develop skills in CAD software and design principles.
- To contribute to design projects and gain industry recognition

**AUTOMATION PROCESS AND TECHNIQUES** Aug '23 — Sep '23  
SREENITDHI RAJA PACKING SOLUTION Pvt. Ltd Tirupathi, India

- Assisted in designing and implementing automation systems Developed and tested automation programs
- Collaborated with cross-functional teams

## EDUCATION

**B.Tech in Mechanical Engineering**, Sree Vidyankethan Engineering College (GPA: 7.8) Dec '21 — Present  
Tirupathi, India

**Intermediate in MPC**, Aditya Junior College (GPA: 90) May '19 — May '21  
Kurnool, India

**SSC in General**, Nalanda English Medium School (GPA: 8.5) May '18 — May '19  
Atmakur, India

## ACHIEVEMENTS

**Paticipation** Jun '24  
SVNE

Attended for workshop on ChatGPT and AI Tools

**Coordinator** Sep '24  
National Service Scheme

Demonstrated leadership and organizational skills by coordinating National Service Scheme (NSS) activities, promoting community engagement and social responsibility.

## PROJECTS

**OPTIMIZATION OF FDM USING MADM FOR ASA PLASTIC COMPONENTS**, SVNE Jan '25 — May '25  
Tirupathi, India

- By applying MADM techniques, the project systematically evaluates and selects optimal FDM parameters (e.g., layer height, infill, speed) to improve mechanical properties and surface finish of ASA components.
- Incorporating MADM brings a structured, analytical approach to optimization, reducing trial-and-error and ensuring that multiple critical criteria (e.g., strength, cost, print time) are considered in decision-making.
- Focusing on ASA plastic—known for its UV resistance and durability—adds practical value for real-world applications like automotive and outdoor components, making the findings highly relevant for industry use.

## SKILLS

**Interpersonal Skills** TeamWork, Leadership, Good communication skills, Time Management, Creativity and Innovation

**Design Software** Auto CAD, SOLID WORKS

**Engineering Principles** Manufacturing Process, Thermodynamics, Welding, Turbines

**Analytical Skills** MATLAB

## DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.