



Talha Shah

Industrial Engineer

Contact

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Skills

Problem-Solving



Excellent

Teamwork and
Collaboration



Excellent

Research and Analysis



Excellent

Creativity and Adaptability



Excellent

Organizational Skills



Very Good

Communication and
Presentation



Very Good

Analytical and Critical
Thinking



Excellent



Professional Summary

An ambitious and skilled Industrial Engineering student with an excellent academic foundation and two years of freelance CAD/CAM experience. Proficient in designing and manufacturing mechanical components, utilizing advanced software and CNC programming. Actively seeking a role to apply my engineering knowledge and CAD/CAM expertise in a production environment, contributing to process improvement and innovation.



Work History

CAD/CAM Engineer

Freelancer.com

- Designed and analyzed mechanical parts, machine components and industrial products.
- 3/4/5 axis milling, laser cutting, 3D printing and lathe toolpath generation.

CNC Course

Center of Excellence, Hayatabad, Peshawar (Course planned for 2026)

- Will gain hands-on experience in CNC milling, lathe, and wire EDM machine design and programming.



Education

Bachelor of Science: Industrial Engineering

University of Engineering And Technology
Peshawar - Pakistan

2022-04 -
Current

2026-9 -
2027-2

2022-09 -
2026-09



Projects

- **Sword Design and Casting (3rd Semester)**

Conceptualized and executed the design and creation of a sword using aluminum alloy through the casting process. This project involved 3D modeling, mold creation, and material testing, highlighting my hands-on experience in mechanical design and production.

- **Future Final Year Project – Industry Collaboration**

As I begin my 6th semester, I am actively seeking collaboration with industry partners for my final year project. My objective is to work closely with a company to identify and address existing challenges in their operations. Through open discussions and shared insights, I aim to develop a practical solution that will help improve their processes, efficiency, or product quality. I am eager to collaborate on solving real-world problems while gaining valuable experience in the process.



Accomplishments

I have two years of freelancing experience in the design, analysis, and CAM of mechanical and consumer products. Throughout this period, I have successfully completed numerous projects, consistently receiving 5-star ratings for the quality of my work. This reflects my commitment to delivering high-quality solutions and client satisfaction



Software

Inventor and Fusion 360
●●●●●
Excellent

SolidWORKS
●●●●●
Excellent

Primavera Oracle
●●●●●
Very Good

MasterCAM
●●●●●
Very Good

Matlab
●●●●●
Very Good

Arena Simulation
●●●●●
Very Good



Interests

- Gardening
- Traveling
- Cycling
- Book Reading
- Documentaries
- Seminars
- Photography and Content Creation