

MOHAMMAD ASAD KAMAL

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PROFESSIONAL SUMMARY :

I am pursuing b.tech with solid knowledge of CNC programming, automation manufacturing, and CAD tools like Fusion 360 and SolidWorks. Strong background in material science, data analysis, and programming using Python , HTML , CSS , and C. Looking to contribute innovative engineering solutions through academic knowledge and hands-on project experience.

TECHNICAL SKILLS :

- Machinery Skills: CNC, VMC, HMC Operations ,3D Printing & Additive Manufacturing , Smart Manufacturing, Lathe Operations
- Designing Tools : SolidWorks, Fusion 360,
- Programming Skills : Python, Java, C Language , HTML , CSS AND SCI LAB SOFTWARE
- Soft Skills: Problem Solving & Design Thinking , Computational Thinking , Communication & Presentation , Decision Making & Team Collaboration , MS Excel, PowerPoint, Word , Time Management, Analytical Thinking

EDUCATION :

- Bachelor of Technology (B.Tech) in Mechanical Engineering 2023 – 2027
- Galgotias University, Greater Noida, UP
- Class XII 2021 – 2023
- Sri Anugrah Narayan Singh College, Motihari
- Class X 2011 – 2021
- Shantiniketan Jubilee School, Motihari

Projects :

- **HELMET EMERGENCY ALERT SYSTEMS**
 - Components Used: Arduino UNO , Microcontroller Sensors, GSM Module , Stepdown converter , Strikes Detector Sensors and so on .
 - Designed a smart helmet prototype that detects accidents and sends GPS-based alerts.
- **ANALYSIS OF AIRFOIL BEHAVIOUR OF AIRCRAFT WINGS**
 - Tool used : Fusion 360 , ANSYS SOFTWARES
- **ISIE INDIAN KARTING RACE CAR PROJECT 2025**

INTERSHIPS / INTERNSHIP TRAINNING :

Intern – Web Development from CODSOFT

1 July 2025 – 31 July 2025

CERTIFICATION :

- Python Programming – GUVI Powered by Google
- C Language Programming – GUVI Powered by Google
- Computational Thinking – GUVI Powered by Google
- Introduction to Big Data – GUVI Powered by Google

Languages :

Hindi , English