

# Hafiz Noman Sarwar

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As a committed Mechanical Engineer, I bring a genuine passion for engineering to every project. Meticulous and detail-oriented, I thrive in fast-paced environments where safety and precision are top priorities. My commitment to staying abreast of industry advancements ensures that I deliver top-notch results, optimizing aircraft performance and reliability. I am eager to deliver my skills and making meaningful contributions to the field.

## EDUCATION

*Hamdard University| Bachelors in Mechanical Engineering / Karachi, Pakistan| July 2025*

*CGPA: 3.72*

*key courses: Thermodynamic / HVAC / IC Engine / Machine Design / Plant Maintenance / Manufacturing Process*

## PROFESSIONAL EXPERIENCE

**Atlas Honda | Karachi Pakistan**

*Internee-Production Department / One month - August 2024*

- Atlas Honda, a pioneer in Pakistan's automotive sector, is widely recognized for its cutting-edge technology and high-quality production standards.
- During this 4-week internship, I rotated through multiple workshops, including Press, Die & Tool, Buffing, Paint, Hub & Panel, Welding, Maintenance, Engine Assembly, and Frame Assembly, gaining comprehensive exposure to motorcycle manufacturing processes. I assisted in quality control, equipment maintenance, and production optimization, while learning about lean manufacturing principles and safety standards. This hands-on experience enhanced my technical skills in mechanical systems, problem-solving, and teamwork, providing a solid foundation for a career in engineering.

## ACADEMIC EXPERIENCE

***Design and Fabrication of Mold for Presser Spring Regulator and Adjusting Screw Nut of Sewing Machine***

*Lead / Sep 2024 – Aug 2025*

- The aim of the project is to developing high-precision molds for the domestic production of a sewing machine component.
- Creating and manufacturing of molds for the component using different polymer materials, allows for the analysis and enhancement of its performance and durability. Locally made components will offer a competitive alternative to imported parts. Domestic production will decrease dependence on imports and remove the expenses. The design concepts used for these molds can also be scaled up and applied to industrial-grade mold production.

*ASHRAE/ASME | Member of ASHRAE and ASME Hamdard Chapter*

## Industrial Visits

- ***Master Motor / 2022***  
Explored automotive assembly and advanced manufacturing technologies.
- ***Hinopak Motors Limited / 2023***  
Observed heavy vehicle production and quality control processes.
- ***Utopia Industries / 2024***  
Collected Data on sand casting and injection molding for course task.

## SKILLS

- ***Software*** / MS Office, SolidWorks, MATLAB.
- ***Soft Skills*** / Leadership, Teamwork, Problem-Solving, Communication.
- ***Technical Knowledge*** / IC engines, HVAC, Thermodynamics, Plant Maintenances, Machine Design.