



SHAH ALI HASAN AKRAM

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Personal Details

- Date of Birth : 06-01-2004
- Marital Status : Single
- Nationality : Indian
- Religion : Islam
- Passport : Z7823588
- Gender : Male

Objective

I am actively seeking a position as a Aircraft Technician (Trainee) within the 145 MRO/Airlines sector. My objective is to pursue a career in Aircraft Maintenance Engineering and contribute my skills and dedication to a reputable organization, aiming to excel in this dynamic field.

Experience

- **AIESL – Air India Engineering Services Limited (Nagpur)** 2024- - 2025
Completed Actual Environment Practical Training of 330 hours according to CAR-147 Basic on Boeing 777-200LR & 300ER fitted with GE-90 Engine at AIESL MRO Nagpur.
 - Gained familiarization with airframe and aircraft systems, including system layout, function, and troubleshooting procedures.
 - Acquired practical experience in aircraft safety and reliability practices through regular inspections, repairs, and component replacement.
 - Observed and participated in scheduled maintenance tasks, understanding regulatory compliance and maintenance documentation.

Education

- **University of Mumbai** 2022 - 2025
Bsc Aeronautics
- **Hal parvara aviation institute** 2022 - 2025
Aircraft maintenance engineering [AME]
- **Yews National High School and College** 2019 - 2021
12 Hsc

TECHNICAL QUALIFICATION

- Completed A.M.E. Licensing Course (3 yrs) under CAR-147 Basic in Cat B1.1 (Aeroplane with Turbine Engine) Mechanical stream from HAL - Pravara Aviation Institute in 2025.
 - Also completed my B.Sc in Aeronautics (Mechanical) under University of Mumbai with my AME course in 2025.

Skills

- Confident, Responsible, Determined and Focused.

- Attention to detail.
 - Quick Learner & Cooperative in Nature.
 - Willing to learn & result oriented.
 - Easily get adopted to workspace.
 - Strong work ethic & commitment to safety.
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Projects

- **Landing gear**

The oleo-pneumatic shock strut, commonly known as the oleo strut, is a type of shock absorber used in aircraft landing gear. It has been a crucial innovation in aviation, helping absorb landing impacts and providing a smoother ride on the ground.

- This project comprises of a Landing Gear Shock Strut, focusing on its internal working, design and function. The objective is to demonstrate how the shock strut absorbs the landing impact. Instead of using hydraulic oil, the shock absorption process is represented using color-coded cylinders to demonstrate the movement and interaction of components inside the strut. The model is designed as a sectional view, allowing clear visualization of the metering pin, cylinder movement, and energy dissipation mechanism.

- **Supporting Column Fabrication**

Fabricated a supporting column to bear the load and structure of the entire project, ensuring stability and alignment.

- Oleo shock struts; commonly used in aircraft landing gear, offer several advantages that make them the preferred choice for absorbing the dynamic loads during landing and take-off.

- Oleo struts efficiently absorb and dissipate the energy generated during landing, reducing the impact forces transmitted to the aircraft structure. This minimizes the risk of damage to the airframe and improves passenger comfort.

Languages

- English
- Arabic
- Urdu
- Hindi