



SHAHADAT ISLAM

Flight Engineer | Researcher

Contact Information

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Professional Summary

Passionate and dedicated Flight Engineer with a strong academic background in Aerospace Engineering and a Master's in Air Transportation Engineering. Experienced in flight operations, planning, and dispatch, with hands-on research expertise in Advanced UAV Control Systems. Proficient in decision-making, critical thinking, and data analysis, with international exposure that enhances adaptability and collaboration. Actively engaged in postgraduate innovation competitions, demonstrating creativity and technical expertise in aviation systems. Recently completed Aircraft Basic Maintenance Training at HAECO Xiamen (February 21, 2025) and published a research paper on "Advanced Fault Diagnosis and Prognosis Model for UAV Control Systems" in the *International Journal of Science and Research Archive (IJSRA)*.

Education

Master of Science (M.Sc) – Aircraft Transportation Engineering

Nanjing University of Aeronautics and Astronautics (NUAA)
2024 – Present

Bachelor of Science (B.Sc) – Aerospace Engineering

Hindustan Aviation Academy
2020 – 2022
CGPA: 3.57/4.00

Shenyang Aerospace University
2018 – 2020

(Transferred credits to Hindustan Aviation Academy due to personal reasons and COVID-19.)

Diploma in Flight Dispatcher

Chennai Flight School
2022 - 2023
Specialization: Aircraft Dispatch
Result: 845/1000

Certifications & Training

- **Aircraft Basic Maintenance Training** – HAECO Xiamen (Completed: February 21, 2025)
- **Flight Dispatcher Certification** – Chennai Flight School

Research & Innovation

- Conducted comprehensive research on **Advanced UAV Control Systems**, focusing on fault diagnosis and flight optimization.
- Published a research paper: "**Advanced Fault Diagnosis and Prognosis Model for UAV Control Systems**" in the *International Journal of Science and Research Archive (IJSRA)*.
- Participated in the **China Postgraduate Innovation Practice Series Competition**, showcasing innovative aviation solutions and achieving recognition for advanced technical approaches.

Professional Experience

Assistant Flight Dispatcher

Chennai Flight Academy, Chennai, India

- Collaborated on flight planning with instructors.
- Gained expertise in flight dispatch operations and management.

Junior Flight Operations Officer

Emirates Airlines, Dubai International Airport, UAE

- Supported flight operations, ensuring compliance with safety regulations.
- Acquired valuable hands-on experience in aircraft systems and operations.

Skills

- ✓ Flight Planning & Operations
- ✓ Advanced UAV Systems Research
- ✓ Communication & Decision-Making
- ✓ Critical Thinking & Problem Solving
- ✓ Market Analysis & Data Interpretation
- ✓ Proficiency in Microsoft Office Suite
- ✓ Trading & Crypto Analytics

Languages

- **Bangla:** Native
- **English:** Fluent
- **Chinese:** Conversational
- **Hindi:** Proficient
- **Urdu:** Proficient

References

 **Ms Ben** – Manager, Hongkong Aviation Engineering Company
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 **Captain Sushanth Balaji** – Director, Avel Flight Academy
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Personal Statement

I believe that success is not a destination but a journey of learning and growth. With confidence, honesty, and a strong belief in my abilities, I approach every challenge as an opportunity to excel. My dedication to aviation and continuous improvement drives my career aspirations, making me a valuable asset to any organization.