

# NAFIM ERSHAD INAN

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## Education

<b>Military Institute of Science and Technology, Mirpur, Dhaka</b> <i>B.Sc in Aeronautical Engineering (Avionics)</i>	<b>Feb 2020 - Dec 2024</b> <i>3.63/4.00 CGPA</i>
<b>Rajuk Uttara Model College, Uttara, Dhaka</b> <i>Higher School Certificate</i>	<b>May 2017 - Jul 2019</b> <i>5.00/5.00 GPA</i>
<b>Rajuk Uttara Model College, Uttara, Dhaka</b> <i>Secondary School Certificate</i>	<b>Jan 2015 - Feb 2017</b> <i>5.00/5.00 GPA</i>

## Work Experience

<b>Astra Airways Ltd.</b> <i>Technical Executive, Quality Assurance</i> <ul style="list-style-type: none"><li>• <b>Inspected</b> an <b>ATR72-212</b> aircraft before scheduled flight</li><li>• <b>Researched</b> aircraft compliance regulations set by the aviation authority of the country.</li><li>• <b>Documented</b> everything done related to aircraft and the organization</li></ul>	<b>Sep 2024 – Oct 2024</b> <i>Full-time</i>
<b>Biman Bangladesh Airlines Ltd.</b> <i>Trainee Engineer Intern</i> <ul style="list-style-type: none"><li>• <b>Gained knowledge</b> on the industry standards and how the industry operates</li><li>• <b>Had hands on experience</b> on the NDT process of aircraft structure</li><li>• <b>Gained experience</b> in reading and understanding the aircraft documentation such as <b>AMM, ANO, CAR</b> etc.</li></ul>	<b>Jan 2023 – Feb 2023</b> <i>Part-time</i>

## Academic Projects

<b>Thesis Project:</b> Design and development of MFD pages for fighter aircraft	<a href="#"><u>Source Code</u></a>
<ul style="list-style-type: none"><li>• Based on inflight parameters output by the <b>Flight Gear</b> - flight <b>simulator software</b></li><li>• Developed using <b>JavaScript, HTML and CSS</b>; <b>Node.js</b> was used to retrieve data from the simulator</li></ul>	

## Personal Projects

<b>E-Commerce</b> <i>Next JS, Sanity CMS, Stripe API</i>	<a href="#"><u>Live</u></a> <a href="#"><u>Source</u></a>
<b>Expense Tracker</b> <i>VueJs, Pinia, Vue Router, Supabase, ChartJs</i>	<a href="#"><u>Live</u></a> <a href="#"><u>Source</u></a>
<b>Pong Game</b> <i>TypeScript, Vite, WebGL (Canvas)</i>	<a href="#"><u>Live</u></a> <a href="#"><u>Source</u></a>
<b>Weather App</b> <i>Vite, Pinia, VueJs</i>	<a href="#"><u>Live</u></a> <a href="#"><u>Source</u></a>
<b>Dashboard</b> <i>ReactJs, Typescript</i>	<a href="#"><u>Live</u></a> <a href="#"><u>Source</u></a>

## Technical Skills

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**3D Softwares:** SolidWorks, Blender

**Languages:** Python, C++, JavaScript, TypeScript

**Back-end:** Node.js, Express.js

**Front-end:** HTML, CSS, SASS, ReactJs, NextJs, VueJs

**Clouds & Databases:** PostgreSQL, MongoDB

**Web Technologies:** Socket.IO

**Developer Tools:** Postman, VS Code, GitHub, MATLAB

**Office Programs:** MS Word, MS Excel, MS PowerPoint

**Google Suite:** Google Docs, Google Sheets, Google Slides

**Adobe Suite:** Adobe Photoshop, Adobe Illustrator

## Soft Skills

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**Languages:** English, Bengali, German

**Team Skills:** Communication, Team work

**Individual Skills:** Quick Learner, Problem solver, Creative, Positive Attitude

## Achievements

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- **International English Language Testing System (IELTS)** – Score - 7.5 (S: 7.5, L: 8.0, R: 8.5, W: 6.5)
- **Design.Build.Fly (DBF) 2024** – Participation

## Extra Curricular Activities

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### MIST Aeronautics and Astronautics Club

Mar 2023 – Mar 2024

*Treasurer*

- **Analysis** and management club expenses and resource utilization data via spreadsheet
- **Lead** the designing and development of projects

### MIST Aeronautics and Astronautics Club

Jun 2022 – Mar 2023

*Technical Executive*

- **Designed** banners for different events
- **Organized** successful events on Arduino
- **Taught** the use of Arduino and Python programming to members

### MIST Robotics Club

May 2022 – Mar 2023

*Design Executive*

- **Organized** successful events on robotics
- **Designed** banners, presentation and flyers for the club to attract members

## References

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