

NAFIM ERSHAD INAN

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Education

Military Institute of Science and Technology, Mirpur, Dhaka <i>B.Sc in Aeronautical Engineering (Avionics)</i>	Feb 2020 - Jan 2025 3.63/4.00 CGPA
Rajuk Uttara Model College, Uttara, Dhaka <i>Higher School Certificate</i>	May 2017 - Jul 2019 5.00/5.00 GPA
Rajuk Uttara Model College, Uttara, Dhaka <i>Secondary School Certificate</i>	Jan 2015 - Feb 2017 5.00/5.00 GPA

Work Experience

Ollyo <i>Junior Software Engineer, Droip</i>	May 2025 – Present Full-time
<ul style="list-style-type: none">• Developing templates for the droip page builder.• Finding bugs related to the droip page builder.	
Astra Airways Ltd. <i>Technical Executive, Quality Assurance</i>	Sep 2024 – Oct 2024 Full-time
<ul style="list-style-type: none">• Inspected an ATR72-212 aircraft before scheduled flight• Researched aircraft compliance regulations set by the aviation authority of the country.• Documented everything done related to aircraft and the organization	
Biman Bangladesh Airlines Ltd. <i>Trainee Engineer Intern</i>	Jan 2023 – Feb 2023 Part-time
<ul style="list-style-type: none">• Gained knowledge on the industry standards and how the industry operates• Had hands on experience on the NDT process of aircraft structure• Gained experience in reading and understanding the aircraft documentation such as AMM, ANO, CAR etc.	

Academic Projects

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

Personal Projects

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

Technical Skills

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

Languages: English, Bengali, German

Team Skills: Communication, Team work

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

Achievements

- **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

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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