

# MEHEDI AHAMED

Computer Science and Engineering Student | Research Enthusiast | Software Developer



Portfolio  
mehedi



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MehediAhamed



## PROFILE

I'm a final year CSE undergrad student, ML-Computer Vision-Data Science-Business Analytics enthusiast, and researcher with experience in problem-solving, and Mobile-Web app development.

## SKILLS

### Programming Languages

C C++ JavaScript Java Python

PL/SQL Assembly

### Frameworks & Libraries

SFML Node.js Express.js JavaFX

Numpy Pandas OpenCV PyTorch

### Database

MariaDB MySQL MongoDB

### Technical

Linux Git Docker LaTeX

## ACHIEVEMENTS



### Government Scholarship

Achieved talent pool scholarships in public exam



### International Rover Challenge 2024

An International Space Robotics Competition organized by The Space Robotics Society (SPROS)

Won the title "Scientists of the Future" at International Rover Challenge

Best result from Bangladesh

Featured in many popular newspapers like Prothom Alo, Daily Star, Financial Express, etc.



### CodeRush 1.0

An Intra-university Hackathon Competition  
Position- 10<sup>th</sup>



### European Rover Challenge'23 - Remote Edition

An International Space Robotics Competition organized by The European Space Foundation

Team standing- 14<sup>th</sup> in Remote Edition

## EDUCATION



### B.Sc. in Computer Science and Engineering



Islamic University of Technology



Gazipur, Bangladesh



July 2021 – Present



CGPA: 3.82/4.00

Expected Graduation: June 2025



### Higher Secondary School Certificate



Notre Dame College



Dhaka, Bangladesh



December 2020



GPA: 5.00/5.00



### Secondary School Certificate



St. Joseph Higher Secondary School



Dhaka, Bangladesh



April 2018



GPA: 5.00/5.00

## PROJECTS

### Moushum



June 2024



React, Node.js, React, MariaDB

A Bengali React web app for detecting plant diseases from videos or images using ML. Users can find latest update on plantation methods. This website was targeted for the farmers and city dwellers who can find diseases and plantation solution at one stop.

### Delicacy



December 2022



JavaFX, Java, Cloud Database- Planetscale

A JavaFX application for online food ordering system. It was the best project in Software Design course project among all teams.

### Quick Resume



November 2023



EJS, Node.js, SQL

A resume generation website which was developed during 24h Hackathon Challenge in CodeRush 1.0. Our team stood 10th among all participant teams.

### MyFoeMyX



September 2023



HTML, JavaScript

An interactive gaming website built during 24h Gamejam in BUET CSE FEST 2023.

### Edu-Connect



March 2024



Django, JavaScript, Python, SQLite

A Django web app for distant classroom management and automated attendance tracking. RFID hardware based system was developed for online attendance tracking.

### ROS Aruco Service







March 2023




Opencv, ROS, Linux

A Robot Operating System package for ArUco detection. This package can be run on Linux for finding waypoints in European Rover Challenge.

-  **European Rover Challenge'23 - Onsite Edition**  
An International Space Robotics Competition organized by The European Space Foundation  
Team standing- 17<sup>th</sup> in Onsite Edition
-  **Battle of Minds'22**  
A global business case competition organized by BAT  
Qualified for 2<sup>nd</sup> round
-  **Over the Wall**  
A global business case competition organized by Marico  
Participation round
-  **Robi Datathon 3.0**  
A hackathon for data enthusiasts organized by Robi  
Team standing- 84<sup>th</sup> among 240 teams in participation round

## MEDIA COVERAGE OF MY ACHIEVEMENTS

-  Many local newspapers published news of my achievements. Click to see the news.
  - IRC 2024**
    - Daily Star
    - The Financial Express
    - Protidiner Bangladesh
    - Kalbela
  - ERC 2023**
    - Kaler Kantho
    - Daily Star

## RESEARCH

Engaged in researching into Few Shot Learning in Computer Vision

## INTERESTS

- Curricular**  
Data Science, Computer Vision, Business Analytics, Data Mining
- Co-Curricular**  
ERC Certified Robotics Engineer, Embedded Programming

## EXPERIENCES

- Software Engineer Intern**  
**Orange Business Development Limited**

 June 2024 – Ongoing Dhaka, Bangladesh

- Involved in diverse Govt. projects, focusing on NLP and Explainable AI research
  - Key contributions include improving the Bangla chatbot of NCTB (National Curriculum and Textbook Board) website
  - Improving e-commerce searching technique for better customer experience
- Call Center Agent**  
**ProLeadsBPO**

 January 2023 – March 2023 Dhaka, Bangladesh

- Handled US customer query
  - Promoting medicinal products

## SOFT SKILLS

- Leadership**
  - Project Altair – Software Sub Team Leader
  - Datathon 3.0 – Team Leader
- Volunteering**
  - Volunteered Intra IUT ICT Fest: CodeRush 1.0 as a member of Food and Beverages Department
  - Execution Committee Member – Josephite Debating Club
- Teaching**
  - Tutoring college students for HSC and admission
  - Nearly 2 years of tutoring experience

## REFERENCES

- Dr. Md. Hasanul Kabir**  
Professor and Head of the Dept.  
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