SADMAN ZAMAN
Mechanical Engineering Student

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in Sadman Zaman 🌐 Sadman Zaman

PROFILE SUMMARY

A motivated and resourceful Mechanical Engineering undergraduate with strong **technical skills** and a **passion for innovation**. Experienced in leading team projects, developing prototypes, and managing digital content, with a keen interest in **robotics, automation, and sustainable technology**. Adept at problem-solving, learning new tools quickly, and communicating effectively across teams. Committed to continuous growth and contributing creatively to impactful projects.

EDUCATION

Military Institute of Science and Technology   *2024 - PRESENT*
- B.Sc. in **Mechanical Engineering**
  2nd Year of Graduation
  CGPA- 3.36 out of 4.00.

Alison / Coursera (Online Course & Diploma)   *2025 - PRESENT*
- Diploma in **Mechatronics Engineering**
- Diploma in **Supply Chain Management**
- Diploma in **Automobile Engineering (EV)**

Dhaka Residential Model College

- **HSC**   *2021 - 2023*
  GPA- 5.00 out of 5.00
- **SSC**   *2019 - 2021*
  GPA- 5.00 out of 5.00

RESEARCH PAPER AND THESIS

- "Design and Optimization of **Mechanically Tunable**   *2025 - PRESENT*
  Radiative Cooling Systems for
  Adaptive Thermal Management in Tropical
  Climate"

  The paper is being written under the supervision of
  Lec Mohammad Kashif Shahid
  Department of **Environmental, Water Resources and Coastal Engineering**
  Military Institute of Science and Technology
  The paper is almost ready to publish in **IEEE** and **MIST Journal.**

PROJECT

Tank Base Prototype for Real Load-Bearing Robot   *2024 - PRESENT*

Tech Used: Stepper Motors, Camera Module, Python, Web Control Panel
Developed a rotating **machine gun turret** integrated with a mobile RC base. Enabled **360° motion** and live video streaming with precise control through a web-based panel.

Food Delivery Web App (Like Foodpanda)   *2024 - PRESENT*

Tech Used: HTML, CSS, JavaScript, Python (Flask)
Developed a functional prototype that includes user signup/login, item listings, cart, and checkout systems for home delivery service.

Eudika Website   *2024 - 2025*

Tech Used: HTML, CSS, JavaScript, Python (Flask)
Developed a functional prototype that includes user signup/login, teacher qualification , tution board, and checkout systems for accuracy and demand of the teacher and gurdian.

WORK EXPERIENCE

10 MINUTE SCHOOL | ASSISTENT WEB DEVELOPER(FONT-END)   *2025 -PRESENT*

- Develop and execute comprehensive machine and robots strategies and campaigns that align with the company's goals and objectives.
- Monitor brand consistency across Engineering.

ARTISTRYMEDIA UI & UX DESIGN | ASSISTANT DESIGNER   *2024 - 2025*

- Assist in crafting user-focused UI/UX designs aligned with brand identity.
- Support design execution across platforms, ensuring consistency, usability, and visual appeal.

MIST INNOVATION CLUB | ASSOCIATE MEMBER | APP AND WEB DEVELOPMENT   *2025 - PRESENT*

- Develop and execute comprehensive machine and robots strategies and campaigns that align with the company's goals and objectives.
- Monitor brand consistency across Engineering.

2024- 2025

MACRO BANGLADESH LTD | CAMPUS AMBASSADOR

- Promoted events and initiatives of the organization within the campus to increase student engagement and participation.
- Shared updates and gathered student feedback.

PROFESSIONAL SKILL

- ANSYS
- CAD/CAM
- MATLAB
- Programming
- UI/UX
- PLC
- App & Development
- Machine Learning