

# Md. Mahmudul Hasan **Mabud**

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## Summary

Enthusiastic Electronics Engineering student with a strong interest in technology and robotics. Currently in the 3rd semester at Dhaka Polytechnic Institute, focusing on programming, embedded systems, and power electronics. Aspires to become a robotics engineer and contribute to innovative solutions.

## Highlights

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- Programming: C, Python (Beginner)
- Electronics: Basic Electronics, Electronics device and circuit, Digital Electronics and Power Electronics
- Embedded Systems: Arduino
- Good Project Management
- Software Tools: VS Code, Arduino IDE, GitHub

## Education

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Diploma in Engineering (Electronics Technology)  
Dhaka Polytechnic Institute  
Semester: 3rd (Ongoing)  
Duration: 2023 - 2027 (Expected)

## Certifications

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Robotics Certificate – Roboment  
Volunteer Certificate – RD & RC  
InnoTech Fest Certificate

## Experience

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Event Coordinator – InnoTech Fest 2025

- Dhaka Polytechnic Institute
- Responsibilities: Event planning, team management, project coordination, and execution.

Robotics & Embedded Systems Enthusiast

- Worked on AI-Driven Smart Power Distribution System using Raspberry Pi Pico & Arduino.
- Designed and tested voltage control circuits with LM2596 Buck Converter.

Volunteer – RD & RC

- Assisted in organizing events and managing technical workshops.

Programming & Logic Development

- Developed logic gate functions in C and shared on GitHub.
- Practicing C & Python for embedded systems and AI applications.

Core Team Member – Greeny

- Contributed to project development and team coordination.
- Assisted in planning and executing sustainability-focused initiatives.