

Sazzadul Islam **SHUVO**



PROFILE SUMMARY

Multidisciplinary engineering student passionate about integrating hardware and software. Skilled in VLSI design, robotics, programming, and PCB development, with a keen interest in intelligent automation and emerging technologies.

CONTACT DETAILS

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[GitHub](#) | [LinkedIn](#)

PERSONAL INFORMATION

- ◊ Status: **Undergraduate Student**
- ◊ Department: **Electronics and Telecommunication Engineering, CUET**
- ◊ Citizenship: **Bangladeshi**
- ◊ Languages: **English, Bengali**
- ◊ Hobbies / Interests: **Robotics, VLSI Design, Programming, 3D Design**

SKILLS

- ◊ **Programming Languages:** C, C++, Java, Python, MATLAB
- ◊ **Web Development:** HTML, CSS, JavaScript, React, Node.js, MySQL/PHP
- ◊ **Hardware Automation:** TINA-TI, Arduino IDE / ESP-IDF / MicroPython
- ◊ **PCB Design:** EasyEDA, Proteus, Multisim

EXPERIENCE

ROBOT SOCCERBOT DEVELOPER at *MIE Robolution 1.0* | *AUST Mania Robo MIME 1.0 Challenge*

- ◊ **Robotics Competitions:** Built and programmed robots for inter-university contests; **1st Runner-Up** in MIE Robulation 1.0, CUET and AUST Robo Mania 1.0, winner of Soccerbot Challenge. Developed control logic, sensor integration, and motion algorithms.
- ◊ **PCB Designer:** Designed and simulated PCBs for Electronics using **Proteus** and **EasyEDA**.
- ◊ **Desmos Tutor:** Created interactive math visualizations; taught advanced graphing and transformations.
- ◊ **Volunteer, A Better Platform:** Supported education and healthcare initiatives for indigenous communities.

EDUCATION

- ◊ B.Sc. IN ELECTRONICS & TELECOMMUNICATION ENGINEERING, Chittagong University of Engineering and Technology. **2021-Present | CGPA: 3.65/4.00 (till 4th semester)**
- ◊ HIGHER SECONDARY CERTIFICATE (HSC) IN SCIENCE, Dr. Roushon Alam College, Brahmanbaria. **2019-2020 | GPA: 5.00/5.00**
- ◊ SECONDARY SCHOOL CERTIFICATE (SSC) IN SCIENCE, Fardabad Ideal High School, Brahmanbaria. **2017-2018 | GPA: 5.00/5.00**

CERTIFICATIONS

- ◊ **AUST ROBO MANIA 1.0** - CERTIFICATE OF ACHIEVEMENT, AUST Robotics Club ([← Click Here](#)).
- ◊ **ENHANCING DIGITAL GOVERNMENT & ECONOMY PROJECT**, ICT Division, Bangladesh ([← Click Here](#)).
- ◊ **MIE ROBULATION 1.0** - CERTIFICATE OF ACHIEVEMENT, Department of MIE, CUET ([← Click Here](#)).
- ◊ **CERTIFICATE OF HONOR**, Banchharampur Upazila Welfare Association, Dhaka for outstanding SSC results ([← Click Here](#)).

PROJECTS

- ◊ **CNN FOR REGRESSION** — Trained CNN model for predicting continuous outputs. [Click→](#)
- ◊ **SMART HOME AUTOMATION SYSTEM** — Designed microcontroller-based home control system. [Click→](#)
- ◊ **BOOKSPHERE WEBSITE** — A Comprehensive Platform for book exchange, sales, reviews Community Sharing. [Click→](#)
- ◊ **DESMOS VISUALIZATIONS** — Created 2D/3D math visuals inspired by Stephen Hawking. [Click→](#)