

Mohammad Nazmur Rahman Emon

Dhaka Cantonment, Dhaka-1206
nazmurrahman02@gmail.com
+8801521582383
nazmuremon.github.io/portfolio

Professional Summary

I'm a recent Electrical and Electronic Engineering graduate with a strong interest in embedded systems, circuit design, and PCB work. I have hands-on experience with soldering, basic hardware design, and reading datasheets to pick the right components. I enjoy working with others, explaining technical ideas clearly, and keeping detailed documentation of my work. I'm eager to learn more about automation, IoT, and R&D projects, and I'm excited to use my skills to help design and build smart electronic solutions.

Professional Experience

- Customer Support Provider** – ElevateMart

November 2023 – January 2025

Resolved customer queries via chat/email; coordinated between departments and maintained high service ratings.
- Lead, Circuit Simulation & PCB Design** – AUST Mars Rover

September 2023 – August 2024

Led hardware and documentation; collaborated with multidisciplinary teams to meet deliverables and present project goals.

Education

- B.Sc. in Electrical and Electronic Engineering**, AUST

2020 – 2024

CGPA: 3.007 / 4.000
- Higher Secondary Certificate (HSC)**, Adamjee Cantonment College

2017 – 2019

GPA: 5.00 / 5.00
- Secondary School Certificate (SSC)**, Adamjee Cantonment Public School

2015 – 2017

GPA: 5.00 / 5.00

Certifications & Awards

- **Divisional Winner**, Creative Talent Hunt (2014)
- **1st Position**, IT Olympiad, SAGC Science Festival (2017)
- **1st Prize**, Project Display, 6th DCSC National Science Exposition (2018)
- **2nd Position**, Project Display, DRMC 11th National Science Carnival (2018)
- **1st Position**, Line Follower Competition, SAGC 4th Science Festival (2019)

- **Top 5**, IC4IR 2021 Industrial Exhibition (2021)

Projects

View full project portfolio: nazmuremon.github.io/portfolio/projects.html

- **Patient Assist Robot:** Assistive technology for paralyzed individuals.
- **Robotic Hand:** Biomedical prototype for industrial/rehab use.
- **Emergency Calling Device:** Designed for sinking vessels.
- **IoT-based Home Security:** Real-time smart alert system.
- **Pure Sinewave Inverter:** Stable AC power supply.
- **Automatic Power Factor Corrector:** Intelligent energy management.
- **Fire Fighting Robot, Line Follower, Waterborne Bot, RC Quadcopter**

Leadership & Extracurricular

Sub Executive, AUST Robotics Club

April 2023 – October 2023

House Captain, ACC Explore Club

February 2018 – February 2019

Participant, Sakura Science Exchange Program (Japan)

April 2016 – May 2016

— Engaged in science and cultural dialogue with students and researchers in Tokyo.

Technical Skills

- **Software:** MS Office, Photoshop, After Effects
- **Circuit/Programming:** Proteus, EasyEDA, Arduino IDE, MATLAB, C++, Fusion 360

Academic Thesis

Design of Hybrid Power System to Provide Reliable Supply to Rural Areas of Bangladesh

References

Mr. M. M. Atiqur Rahman

Assistant Professor, Dept. of EEE, Ahsanullah University of Science and Technology

Email: mmarahman.eee@aust.edu

Mr. Hasib Md. Abid Bin Farid

Assistant Professor, Dept. of EEE, Ahsanullah University of Science and Technology

Email: hasib.eee@aust.edu