

Mohammed Atiquul Islam

Electrical and Electronic Engineer | Dhaka, Bangladesh

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PROFILE

Hands-on electronics builder and entrepreneur with approximately five years of project-making experience and 100+ professional projects. Focused on IoT, embedded systems, robotics, PCB design and practical prototyping.

EXPERIENCE

Co-Founder & CEO | Idea To Project

2025 - Present

Leading custom engineering project development in IoT, robotics, embedded systems and electronics.

Chief Operating Officer | VoltHBD

2023 - Present

Product research and selection, technical product analysis, titles, descriptions and specifications; website maintenance and operations.

Hardware & Robotics Specialist | RoboLife Technologies

2023 - Present | Remote

PCB design for robotic and prosthetic hand systems, embedded programming and ongoing remote technical support.

EDUCATION

B.Sc. in Electrical & Electronic Engineering

Shyamoli Textile Engineering College | University of Dhaka - Technology Unit

Academic session: 2021-22 | Expected graduation: approximately 2027

TECHNICAL CAPABILITIES

ESP32, ESP8266, Arduino, sensor integration, Blynk, LoRa, GSM, RFID, PCB design, circuit design, hardware debugging and embedded programming.

SELECTED PROJECT WORK

Transmission Line Fault Detection & Protection; Automatic Power Factor Correction; Smart Agriculture Robot; Smart Rain Shield; Energy Monitoring & Source Control; Robotic & Prosthetic Hand Electronics.

ACHIEVEMENTS

Top 20 in Bangladesh - 10 Minute School online science fair (around 2019), with studio invitation and certificate.

First place - National Science Fair, Dhaka North level (2021).

Winner - University programming contest organized by a programming / language club.

Multiple awards - Local science and project competitions (2018-2020).