



MD. ROWMEDIN

CAREER OBJECTIVE

To pursue highly rewarding career, seeking for a job in challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth, I am looking for a job within your institute that will enable me to creatively showcase talents all the while challenging me to adapt new skills and processes needed to advance within my chosen career path.

EDUCATIONAL BACKGROUND

Degree Title	Concentration	Institute	Result	Year
Bachelor of Science in Electrical & Electronics Engineering (EEE)	Engineering	American International University- Bangladesh	3.55(out of 4.00)	2019
Higher Secondary Certificate (HSC)	Science	Govt. Science College	5.00(out of 5.00)	2015
Secondary School Certificate (SSC)	Science	Momena Ali Biggan School	5.00(out of 5.00)	2013

MAJOR UNIVERSITY PROJECTS

- ❖ **Autonomous Fire Detecting and Extinguishing Robot** (Final year CAPSTONE project)
- ❖ **Arduino based home automation** using **GSM, Bluetooth** and **WLAN** shield.
- ❖ **Audio graded high-power amplifier** using **IC** and **MOSFETs**.
- ❖ **Water/Liquid level indicator** using **transistors** and **Arduino**.
- ❖ **MCU based over voltage, under voltage and over current** protection.
- ❖ Multimeter and energy meter using Arduino.
- ❖ **4-way traffic light controller** using **digital logic design** scheme.
- ❖ **RFID based security system** for entrance and attendance.
- ❖ Design and Analysis of **8-Bit Tree Adder: Kogge Stone Tree Adder** (Simulated & Software based)
- ❖ Power Bank Circuit.
- ❖ Implementation of **Class A** and **Class B Power Amplifier**

CAPABILITIES

- Ability to work under pressure in an efficient & courteous manner.
- Effective contributor beating deadline and targets.
- Excellent communication and presentation skill in English.
- Great assessment, evaluation skill and team co-operation.
- Good Leadership skill.
- Knowledge of Safety Cases, Major Accidents and Hazards.

ACHIEVEMENTS

Best poster & project in **Nuclear Energy Poster Fair** organized by **AIUB** in 2018.

REFERENCES

Mr. Md. Sajid Hossain

Position: Assistant Professor

Institution: AIUB

Email address: sajid@aiub.edu

Mr. Naheed Hossain

Position: Lecturer

Institution: AIUB

Email address: naheed@aiub.edu

CONTACT

📍 **Present:** Flat # F-9; House # Ka-228, C/2; Area # Namapara, Khilkhet, Dhaka 1229.

Permanent: Garadaha, Shahjadpur, Sirajganj

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TECHNICAL SKILLS

- Extensive experience in inspection of electronic circuits.
- Very familiar with using **Oscilloscope, Multi meter, LCR Meter, Clamp-on meter, Signal generator** and other measuring instruments.
- Familiar with the process of **design and PCB fabrication**.
- Have numerous experiences working with development boards such as **Arduino, Raspberry Pi** plus microcontroller ICs such as **ATmega** and **PIC**.
- Strong understanding on circuit, functionality and applications.
- Demonstrable knowledge on **networking, switching and routing**.
- Analytical skills to follow logic of electronic circuits and interface with software.

SOFTWARE SKILLS

- **Office:** MS word, MS Excel, MS Project, MS PowerPoint.
- **IDE:** Arduino, Code Blocks.
- **Simulation:** Microwind, Proteus, PSpice, PSIM, MATLAB.
- **PCB designing:** EagleCAD, Proteus.
- **Designing:** AutoCAD 2007.
- **Programming language:** C, C++
- **Media:** Adobe Photoshop,

EXPERTISE ON SENSORRS

LiDAR | Gas Sensor-MQ2 | Ultrasonic | Light | IR | Moisture | Hall Effect | Temperature | InfraRed | Proximity | Voltage | Current | Flame | LDR | Load Cell | Thermocouple

LANGUAGES

1. English
2. Bangla