



Naquibuddin Sarkar

📍 Basabo, Dhaka | 📞 +880 1912-883488 | ✉ naquibuddinsarkar@gmail.com

🌐 www.naquibuddinsarkar.github.io | [linkedin.com/in/naquibuddin-sarkar](https://www.linkedin.com/in/naquibuddin-sarkar)

Professional Summary

M.Sc. student in Management of Technology at BUET with a strong foundation in Electrical and Electronic Engineering. Experienced in conducting technical projects and collaborating with multi-departmental teams in industrial settings. Skilled in project management, data-driven decision-making, and team supervision. Seeking to contribute to management trainee or leadership development programs in dynamic, growth-focused organizations.

Education

M.Sc. in Management of Technology

Bangladesh University of Engineering and Technology (BUET)

May 2025 – Present — CGPA: **3.75 / 4.00**

B.Sc. in Electrical and Electronic Engineering

East West University

May 2018 – Sept 2022 — CGPA: **3.51 / 4.00**

Professional Experience

Electrical Engineer – Project Management

SQ Group – Bhaluka, Mymensingh

Sept 2023 – Mar 2024

- Implemented online energy monitoring system connecting 50+ energy meters, including generator, and water flow meters via MODBUS protocol.
- Supervised 12-member electrical maintenance team; prepared daily work schedules and monitored execution
- Prepared preventive maintenance plans for generators, compressors, chillers, and boilers.
- collaborated with IT team to develop a maintenance management application.
- Automated IR sensor-based lighting, and BLDC fan installation to improve energy efficiency.
- Collected and analyzed power consumption data for substation design upgrades
- Updated SLD documentation ensuring validation with proper field data

Graduate Teaching Assistant

East West University – Dhaka, Bangladesh

Oct 2022 – Sept 2023

- Conducted and supervised up to 5 sections (40 students each) weekly in Physics Lab.
- Mentored 200+ students in laboratory sessions, project execution, and technical reporting.
- Coordinated lab operations, ensuring safety, efficiency, and resource optimization.

Key Projects

- ❖ **IoT-Based Energy Monitoring** - Real-time monitoring system for industrial facilities.
- ❖ **Communication Assistive Device for Hearing Impaired** - Wearable ML-powered Bengali speech-to-text and sign language translator.
- ❖ **Gas Leakage Detection System** - Arduino-based detector with alarm and sms notification system.
- ❖ **PLC-Based Smart Irrigation** - Automated watering system using moisture sensors for agriculture.
- ❖ **Stand-alone Photovoltaic System** - Designed for a small market with proper economic analysis.

Skills

Technical: Project Management, MS Excel, Python, MATLAB, AutoCAD, PLC, IoT Systems

Business & Tools: Data Analysis & Optimization, Technical Documentation, Cross-functional Coordination

Soft Skills: Problem-Solving, Communication, Leadership, Time Management, Adaptability

Activities

- Executive Member, EWU Robotics Club - Organized IoT and automation workshops.
- Executive Member, EWU Electronics Club - Co-hosted Career Navigation Week.
- Executive Member, IEEE Student Branch – Organizing member at AutoCAD training sessions.
- Volunteer, Shishuder Jonno Foundation – Food, sanitary and winter clothing distribution.
- Volunteer, EWU Electronics Club – 15 years celebration.

Achievements

- **1st Runner-up** – Capstone Project Show, East West University
- **1st Runner-up** – SympSIST Humanitarian Project Design Contest (ICCIT 2022)

References

Dr. M. Ruhul Amin	Dr. Gurudas Mandal	Nure Alam Siddiky
Dean Faculty of Science & Engineering East West University	Chairperson Department of MPS East West University	Senior Executive Department of IIAE SQ Group
ramin@ewubd.edu	gdmandal@ewubd.edu	nurealam.siddiky@sqgc.com
+8801715296735	+88029666775577	+8801770679019