

DIDAR MIA

Mirpur-2, Dhaka-1216, Bangladesh

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CAREER SUMMARY

Results-driven Electrical Engineer with proven expertise in power system design, solar PV solutions, LPG system engineering, and industrial automation. Experienced in managing complete project lifecycles—from concept and design to installation and commissioning—across residential, commercial, and industrial sectors. Proficient in AutoCAD, PVsyst, and PLC-based automation systems, with practical knowledge of smart metering, SCADA integration, and renewable energy technologies. Demonstrated ability to lead technical teams, ensure compliance with NFPA 58, 70E, IEC, BNBC and RSC standards, and deliver cost-effective, safe, and sustainable energy solutions. Recognized for combining technical excellence, automation innovation, and strong project management to drive advancement in the modern energy and industrial sectors.

TECHNICAL SKILLS

- Electrical Design following RSC & BNBC Standards.
- KW to MW Scale Solar Plant design, installation and execution as Per SREDA Guideline.
- Power system (11kV/0.4kV) design & installation as per standards.
- Automation Control system design and program with servable brand PLC like Siemens, Delta, LS, Mitsubishi and Equivalent.
- HMI and SCADA Communication system design, programming and maintenance.
- Industrial Communication like Modbus, Profibus, Profinet and HART.
- Industrial RLC and MCC Control panel design, installation and maintenance.
- Industrial Motor Controlling.
- BOQ preparations handling material purchase and operations.
- LPG bulk system design for Residential and Industrial uses.
- MS Office Suite (Word, Excel, PowerPoint).
- Advance Graphics Design Works and Websites Developments.

PROFESSIONAL EXPERIENCE

Innotech Energy Engineering

Sr. Service Engineer

January 2024 – Present | 17 New Eskaton, Dhaka

Duties and Major Works:

- Prepare detailed PV solar plant designs (kW–MW scale) according to SREDA for residential, commercial, and industrial projects.
- Project Materials requisition, Purchase and Team Management.

- Website Management and Essential Graphics Design for Marketing Team.
- Electrical automation implementation of vaporization and SING on Bulk LPG System.
- Design LPG systems for both residential and industrial applications in compliance with safety standards NFPA 58 and LPG Rules 2004.
- Prepare technical and financial offers/proposals for solar plant and Bulk LPG system.
- Highly attached with Prepaid Smart Metering Project and Software Development.
- Support site assessments, client meetings, and solution development as part of pre-sales engineering.

SAS Power

Assistant Engineer

April 2022 – November 2023 | Mirpur DOHS, Dhaka

Duties and Major Works:

- Designed 11kV/0.415kV substations in compliance with IEC standards, including load calculation and system layout
- Estimated material and cost requirements for substation, LT/HT panel, and PFI system installations
- Supervised installation and commissioning of LT/HT panels and PFI units
- Installation motor control panel using DOL, star-delta starters, and VFD-based automation
- Ensured adherence to electrical safety codes and project timelines through active site coordination

Quantum Builders & Engineering Ltd.

Junior Engineer

January 2020 – July 2021 | Salna, Gazipur, Dhaka

Duties and Major Works:

- Performed routine maintenance and troubleshooting of LT/HT electrical panels
- All kinds of machines motor control circuit maintenance
- Monitored electrical systems to ensure safe and efficient operation
- Assisted in repair, replacement, and testing of electrical components and equipment

EDUCATION

Bachelor of Science (BSc) in Electrical & Electronic Engineering (EEE)

European University of Bangladesh | Mirpur, Dhaka.

September 2021 - August 2024 | CGPA: 3.75/4

Diploma in Electrical Engineering

Narsingdi Polytechnic Academy | Narsingdi.

July 2015 - December 2019 | CGPA: 3.25/4

Secondary School Certificate (SSC)

Dr. M. A Hasan Model High School | Kapasia, Gazipur.

January 2003 – April 2015 | GPA: 3.78/5

PERSONAL INFORMATION

Name : Didar Mia
Father's Name : Sana Mia
Mother's Name : Marjia
Contact Number : +88 01937 092424
Email : didarmia.dhm@gmail.com
Present Address : H#20, R#08, Block-H, Section-2, Mirpur, Dhaka-1216
Permanent Address : 481, Khirati - 1730, Kapasia, Gazipur
Date of Birth : 20 June 2000
Nationality : Bangladeshi
NID No : 4204302238
Blood Group : B+

PROFESSIONAL CERTIFICATES & LICENCE

- **Electrical Supervisor License - ABC**
Office of the Chief Electric Inspector, May 2026
- **Industrial Automation and SCADA**
Ulterior Engineering, December 2025
- **Computer Hardware and Graphics Design**
Triage Tech Solution, December 2020
- **Industrial Training in Electrical**
Quantum Builders & Engineering Ltd, November 2019

COMMUNITY INVOLVEMENT & LEADERSHIP

- Creative Director of Social Media Management at Farajee Super League (FSL)
- Blood Donor at Quantum Foundation (B+)
- Trainer at Triage Tech Solutions and SSO Free Computer Course