

# Muhammad Syful Islam

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## Career Objectives:

To be a professional engineer using academic and creative knowledge, innovate new ideas and develop engineering skills and I want to expand my efficiencies and my capabilities to win difficult situation and ability to work well with people.

## Work Experiences:

- Currently Working as an **Assistant Engineer (E&U)** in **South Asian Technology** from 03 Dec, 2022 to till now.
  - Multimedia Projector, UPS, IPS, CPU, Laptop, CCTV, Printer, installation & service.
  - Server room installation, monitor, service, problem solve
  - Installation & knowledge about KVM switch, Ups battery, CPU, XVR, Projector Lamp, LCD, RAM, HDD, SSD, Power source, House wiring, Autocad 2D design etc.
- Working as an **Assistant Engineer (E&U)** in **Jaj Bhuiyan Group** from 8 May, 2021 to 1 Dec, 2022 .  
Working Field:
  - Generator room( Generation , operation, Transmission ).
  - LT, HT panel ( ACB, MCB, VCB, HRC Fuse, SF6, Meter, Bus-bar, CT, PT, Relays) monitor, installation, maintenance, repair.
  - PFI panel ( Capacitor bank, Relay, Magnetic Contactor, bus bar, Fuse) monitor, installation, maintenance, repair.
  - Changeover in between generator & REB line, Transformer etc
  - Substation monitor, installation, maintenance.
- Working as an **Assistant Engineer (O&M)** in **Mollik Paper Mill** for around 6 months.

## Academic Qualifications:

Examination	Subject/ Group	Institution/University	Board	GPA/CGPA	Year
B.Sc. in Engineering	Electrical & Electronic Engineering	American International University- Bangladesh (AIUB)	American International University- Bangladesh (AIUB)	3.87 (Out of 4.00)	2019
HSC	Science	Al-Amin Academy	Cumilla	4.50 (Out of 5.00)	2014
SSC	Science	Al-Amin Academy	Cumilla	4.88 (Out of 5.00)	2012

## Professional Training & Computer Skills :

- **Professional Training on “Introduction to Operation & Maintenance of Power plant.”** From **PETA, Department of EEE, UIU**. Duration was 4 months.  
**Major Fields:** An Overview of Power Sector of Bangladesh, Operation Philosophy of a Power Plant, Operation Philosophy of a HFO Based Power Plant, Heavy Fuel Oil System of HFO Based PPL & Its Troubleshooting Process, Power plant Basics- IC Engines, Boiler and Turbine (HFO plants), Electrical Measurement IR Test (MEGGER Test) , How to Read Electrical Drawings, LO & CW
- **Electrical Design:** MATLAB, Multisim, Proteus, PSIM, PSPICE, PCB Design (ExpressPCB).  
**Automation & Drawing:** PLC( Rockwell software (RSemulate500, Micro lite 830), XGT Software (XG5000)), Autocad(2D&3D). **Graphic Design:** Adobe Photoshop, Adobe Illustrator.

- **Office Suite:** Microsoft Office: MS Word, MS Excel, Microsoft power point. Engineering Management: Microsoft Office Projects.

### Extra Curricular activities :

- Part time Working as a Coordinator in Bangladesh Cricket Board ( Accreditation Department ) for till now.
- Volunteering, fundraising & Participating in many projects & events ( project and poster fair events, workshops on PLC etc.).

### Academic Research & Projects & Award :

- Final Year Research “**Smart Wheelchair with Health Monitoring System**”.
- **Projects:** The Obstacle Avoidance Robotic Vehicle, Traffic Control System, Smart Door Lock System, Counter, Line follower, Remote control Robot, Voice control Robot, Bluetooth control Robot, etc.
- Got best project award in “**Nuclear Energy Project & Poster Fair – Spring 17-18**”.

### Workshops & Industrial Visit :

- Workshop on “Industrial Automation (PLC)” organized by Engineering Students’ Association of Bangladesh – AIUB Unit Face (ESAB).
- Industrial Visit: “ 200MW CC Power plant” implemented by United Ashuganj Energy Ltd. Organized by PETA, Department of EEE, UIU.
- Online Workshop on “ Transformer Testing & Maintenance” Organized by SOE.

### Personal Information:

Father’s Name : Muhammad Abul Kalam Azad

Mother’s Name : Jusna Akter

Date Of Birth : 01/01/1998.

Blood : O+.

Nationality : Bangladeshi.

NID : 7351735340

Marital status : Single

Permanent Address : Vill: Begumpur, P.O: Sujatpur Bazar, P.S: Uttar Matlab, Dist.: Chandpur.

### Self Assessments:

- Excellent Communication & Interpersonal Sensibility, Quick Learner, Proactive & Self-motivated, Energetic, Honest, Responsible and Sincere about time & work, working under pressure, Hardworking.

### References:

Name:	<b>Prof. Dr. Md. Abdur Rahman</b>	<b>Rokibul Hasan</b>
Designation:	Associate Dean, Faculty of Engineering.	Sr. Production Officer
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*Syful Islam*

(Muhammad Syful Islam)