

# MD. Abdullah Al Rafi

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Mirpur, Dhaka-1216, Bangladesh



## Career Objective

To work in an environment where there is an opportunity of being useful by means of self-assessment and self-improvement in both individual and group based work that will ultimately lead to the future development of the organization.

## Work Experience

### 1. System Engineer

Hexing Electrical Company Ltd.

**November 2018 – Continuing**

Key responsibilities

1. Manage and monitor all installed systems and infrastructure.
2. Install, configure, test and maintain systems, and system management tools for smooth operation.
3. Liaise with vendors and other IT personnel for problem resolution.
4. Coordinate with all the installation and commission team.
5. Maintenance & customizing Smart prepaid Meter.
6. Maintenance relationship with all the existing clients.

## Educational Background

| Certificate                | Institution   | Group/Subject                       | CGPA/GPA        | Passing Year |
|----------------------------|---|-------------------------------------|-----------------|--------------|
| Bachelor of Science (B.Sc) | American International University-Bangladesh (AIUB) | Electrical & Electronic Engineering | 3.48 (Out of 4) | 2018         |
| H.S.C                      | Rajshahi Govt. City College                         | Science                             | 4.8 (Out of 5)  | 2013         |
| S.S.C                      | Shibganj Govt. Model High School                    | Science                             | 5.0 (Out of 5)  | 2011         |

## Professional Training

| Certification                             | Topic   | Institute     | Duration |
|---|---|---------------|----------|
| Sub Station Design                        | 1. Single line Diagram of Sub-station.<br>2. Cable Selection of Sub-Station.<br>3. Panel Drawing HT, LT and PFI.<br>4. Design, Estimating, costing and commissioning of Sub- Station                            | Consultant BD | 4 Months |
| AutoCAD and Electrical Design (2D and 3D) | 1. Electrical floor plan, Panel & DB Drawing, LPS and Earthing Drawing.<br>2. Sketchup 3D, Project animation Drawing<br>3. Panel Drawing HT, LT and PFI.<br>4. NFPA-780, BNBC, ELB and Accord Standard Drawing. | Consultant BD | 4 Months |
| Transformer Testing                       | 1. Core, Copper, Turn ratio test.<br>2. Open Circuit, Short Circuit Test.<br>3. Winding Resistance, Oil, Vector Group Test.<br>4. High voltage, Low voltage and Tap position test.                              | Consultant BD | 2 Months |

## Academic Award

Received “**Dean’s Award**” and got “**4th place**” for the Project and Thesis entitled “**Online Monitoring System for Transformer**” in academic year 2017-2018.

## Academic Project

1. “**Online Monitoring System for Transformer**”, Final year Project and Thesis Report for B.Sc. in Electrical and Electronic Engineering, American International University - Bangladesh, August 2017.
2. “**Automatic Room Power Controller with Bi-directional Visitor Counter**”, In Digital Logic Design Course in Spring 14-15.
3. “**Smart Irrigation System**”, In Digital Electronics Course in fall 15-16.

## Software Expertise

MATLAB and Simulink, Proteus, Arduino IDE, AutoCad, Homer, RetScreen, DSCH, Microwind, C&C++, PSIM

## Language Proficiency

- English (Excellent in both written and oral communication)
- Bangla (Native)

## Computer Skills

- Microsoft Word, PowerPoint, Excel
- Internet Browsing and E-mail correspondence

## Personal Profile

|                    |  |
|--------------------|--|
| Name               | : MD. Abdullah Al Rafi   |
| Father’s Name      | : MD. Abdur Rashid   |
| Mother’s Name      | : Most. Saida Hosne Ara  |
| Date of Birth      | : 5th January, 1996  |
| Gender             | : Male   |
| Marital Status     | : Single   |
| Nationality        | : Bangladeshi  |
| Religion           | : Islam  |
| Blood Group        | : O+ve (O positive)  |
| Permanent Address  | : House No-657 Vill: Shibganj Bazar, P.O: Shibganj-6340, P.S: Shibganj, Chapai Nawabganj |
| National ID Number | : 418 261 2921   |

## References

### **Prof. Dr. Mohammad Abdul Mannan**

Head (Undergraduate Program)  
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American International University-Bangladesh  
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### **Md. Saniat Rahman Zishan**

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Special Assistant (OSA)  
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## Declaration

I do hereby declare that all the above information is true and correct to the best of my knowledge



**MD. Abdullah Al Rafi**