



# Kaushik Ahmed

**Home:** 27/kha/1, W Agargaon, Dhaka, Bangladesh

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**LinkedIn:** <https://www.linkedin.com/in/ahmed-kaushik/>

**Gender:** Male **Date of birth:** 09/09/1999 **Nationality:** Bangladeshi

## CAREER OBJECTIVE:

A graduate with an academic background in Electrical and Electronics Engineering seeking a pleasant and challenging position in the technology sector that will assist to contribute to the advancement of the company and personal growth.

## WORK EXPERIENCE

[03/2022 – Present]

### Service Engineer

**Semiotify Enterprise**

<http://www.semiotify.com/>

**Address:** House-03, Road-03, Block-D, Future Model Town, Bosila, Mohammadpur, Dhaka.

- Providing technical support to customers who have purchased our IoT and smart devices.
- Troubleshoot any technical issues that customers may encounter with their devices and help them resolve these issues promptly.
- Working with such a startup has given me valuable insights into the industry's grassroots.

[06/2021 – 08/2021]

### Internship

**West Zone Power Distribution Company Limited**

<http://www.wzpdcl.org.bd/>

**Link:** <https://tinyurl.com/KaushikInternship>

**Address:** Jessore - Khulna Hwy, 7402, Jashore, Bangladesh.

- Efficiently worked on the operation of a 33/11 kV substation.
- Analyzed the fault operational principle of transformers by performing the megger test, short circuit test, and ratio test to solve transformer problems.

## EDUCATION

[01/2018 – 12/2021]

### Bachelor of Science in Electrical and Electronics Engineering (EEE)

**American International University-Bangladesh (AIUB)**

<https://www.aiub.edu/>

**Address:** 408/1, Kuratoli, Khilkhet, 1229, Dhaka, Bangladesh.

**Final grade:** 3.94 out of 4.

Completed 145 credits including electives in "Renewable Energy Technology" and "Power System Protection".

[2014 – 2015]

### BAF Shaheen College Jashore

Higher Secondary Certificate (HSC), Jashore Board

Completed HSC respectively with Science background with a GPA of **4.75 out of 5**

[2012 – 2013]

### Akij Collegiate School, Jashore

Secondary School Certificate (SSC), Jashore Board

Completed SSC respectively with Science background with a GPA of **5 out of 5**

## HONOURS & AWARDS

[05/06/2021]

### 2nd Position (Best Poster Award)

**Awarding institution:** American International University- Bangladesh

[2018 – 2021]

### Dean's List Honors

**Awarding institution:** American International University-Bangladesh

Achieved **6 times** for Outstanding Academic Performances in 4 years of Undergraduate Study.

[2018 – 2021]

### Merit-Based Academic Scholarship

**Awarding institution:** American International University- Bangladesh

Scholarship based on merit from AIUB to complete the undergraduate degree.

[19/03/2023]

### Magna Cum Laude

**Awarding institution:** American International University-Bangladesh

This is a prestigious award provided based on the academic result.

## SKILLS

**Programming** | C, C++, Python.

**Software** | AutoCAD, Microsoft Office 365, Matlab, Simulink, Proteus, Arduino cc, Multisim, Fritzing.

**Language** | Bangla, English.

## RESEARCH EXPERIENCE

[11/2020 – 05/2021]

### Undergraduate Final Year Project

IoT-based energy monitoring and load control system

**Link:** <https://tinyurl.com/KaushikProject>

- IoT-based, cost-effective system for real-time remote control and monitoring of current, voltage, and power of separate loads through mobile or web applications.
- The meter reading is collected using image processing.
- A website was developed to analyze the data and send notifications to the user to reduce peak-hour electricity consumption. Also, an MS Excel extension is included for forecasting the profit and loss of individually selected zones.

## PUBLICATIONS

[22/07/2022]

### [Industrial Revolution 4.0: Energy Monitoring and Load Control System](#)

**Reference:** International Conference on Intelligent Controller and Computing for Smart Power.

[14/09/2022]

### [A PI Controller-based Water Supplying and Priority Based SCADA System for Industrial Automation using PLC-HMI Scheme](#)

**Reference:** IEEE International Conference on Artificial Intelligence in Engineering and Technology.

[07/01/2023]

### [Analysis of Layered Shielding for Capacitive Wireless Power Transfer Application](#)

**Reference:** 2023 International Conference on Robotics, Electrical and Signal Processing Techniques.

## VOLUNTEERING

[05/2021 – 05/2022]

### Chairperson

IEEE Engineering in Medicine and Biology Society (EMBS) AIUB SB Chapter.

[10/2021 – 12/2021]

### Event and Registration Coordinator

IEEE SPAVe 5.0 - Student Professional Awareness Venture.

[05/2021 – 05/2022]

### Executive Member

IEEE AIUB Student Branch, Dhaka, Bangladesh.

[02/2020–05/2021]

### Volunteer (Event Coordinator)

IEEE AIUB Student Branch, Dhaka, Bangladesh.

## NETWORKS & MEMBERSHIPS

[01/2019 – Present]

### Student Member

Institute of Electrical and Electronics Engineers (IEEE)

[01/2023 – Present]

### Student Member

IEEE Microwave Theory and Technology

[01/2022 – Present]

### Student Member

IEEE Engineering in Medicine and Biology Society

[01/2023 – Present]

### Student Member

EEE Consumer Technology Society

## CERTIFICATIONS

[06/2021 – 07/2021]

### **Programming for Everybody (Getting Started with Python)** [\[Certificate\]](#)

An online course authorized by the University of Michigan and offered through Coursera.

[07/2015 -12/2015]

### **Database Programming** [\[Certificate\]](#)

A non-credit course authorized by the Bangladesh Technical Education Board, Dhaka.

## RECOMMENDATIONS

**Supervisor of  
Final Year  
Capstone Project**

**Senior Associate Professor,  
Faculty of Engineering**  
**Name:** Dr. Mohammad Nasir Uddin  
**Mobile:** (+880) 1712146484  
**Email:** [drnasir@aiub.edu](mailto:drnasir@aiub.edu)

**1<sup>st</sup> Year  
AC Course  
Teacher and  
Advisor of  
IEEE AIUB SB**

**Director, Faculty of Engineering**  
**Name:** Prof. Dr. Mohammad Abdul Mannan  
**Mobile:** (+880) 1799277730  
**Email:** [mdmannan@aiub.edu](mailto:mdmannan@aiub.edu)

*Thank you for considering my candidacy. I look forward to hearing from you.*