

S.M. SHARIFUZZAMAN

Electrical & Electronic Engineer

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SUMMARY

A recent Electrical and Electronic Engineering graduate from RUET with hands-on experience from industrial training, leadership roles, and successful projects. Strong in teamwork, problem-solving, and applying technical skills to practical situations. Motivated to contribute to the development of the electrical and electronics field with a focus on innovation. Quick to learn new technologies and adapt in dynamic environments.

EDUCATION

B.Sc. in Electrical & Electronic Engineering Rajshahi University of Engineering & Technology CGPA: 3.00 out of 4.00	Passing Year-2025
Higher Secondary School Certificate Daud Public College, Jashore Cantonment GPA: 5.00 out of 5.00	Passing Year-2019
Secondary School Certificate Jashore Govt. Shiksha Board Model School & College, Jashore GPA: 5.00 out of 5.00	Passing Year-2017

SKILLS

Software Skills:

- MATLAB, Adobe Photoshop, Microsoft Word, Excel and PowerPoint, Google Workspace, C Programming, Python, HTML Coding, Wordpress, EasyEDA, Simulink

Personal Skills:

- Leadership, Negotiation, Teamwork, Organizational Skills, Time Management

EXPERIENCE

Industrial Trainee Bangladesh Telecommunications Company Limited (BTCL), Rajshahi	Mar 11 2024 – Mar 25 2024
<ul style="list-style-type: none">Developed a foundational understanding of the operational workflows across all major departments within a leading national telecommunications provider.Acquired technical knowledge of server administration, bandwidth allocation and management, and the architecture of BTCL's wireless service delivery.	
Technical Support Engineer Alliance for Supply Chain Management	Feb 2024 - Present
<ul style="list-style-type: none">Responsible for the daily oversight and management of all network infrastructure, ensuring optimal performance and security.Conduct routine maintenance, updates, and troubleshooting for company websites to ensure high availability.Administer the payment gateway and resolving any transaction-related technical issues.	

CERTIFICATES

Certificate of Leadership

Department of Electrical and Electronic Engineering, RUET

Basic Programming with Python

Institute of Information and Communication Technology (IICT), RUET

PROJECT

- RFID-Enabled Attendance Management System with Remote Access
- Create website for Greater Jashore Students' Association and ASCM Bangladesh
- Smart ECG Monitoring Device using ESP32

THESIS

Detection and Mitigation of False Data Ejection Attack (FDIA) in Smart Grid Using Machine Learning

Designed and implemented a machine learning-based framework for real-time detection and mitigation of False Data Injection Attacks (FDIA) in smart grids. Evaluated supervised (MLP, SVM, XGBoost), unsupervised (Autoencoder, Isolation Forest), and ensemble models (Voting, Stacking) on IEEE 14-bus simulation data. Achieved over 99% accuracy with low false positives, supporting online inference and scalable deployment via a Streamlit-based interface.

CLUB EXPERIENCE

President

May 2024 - Jun 2025

Greater Jashore Students' Association of RUET

Vice President

Jan 2024 - Jun 2025

RUET CORE

PERSONAL INFORMATION

Fathers Name: Md. Bazlur Rahman

Mothers Name: Feroza Rahman

Date of Birth: 20 Feb 2002

NID No.: 6013006850

Blood Group: AB+

REFERENCE


Dr. Md. Rabiul Islam

Professor

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Rajshahi University of Engineering & Technology

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