

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

## SKILLS

### Software Skills:

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

### Personal Skills:

- Leadership, Negotiation, Teamwork, Organizational Skills, Time Management, Quick Learner and Adaptable

## EXPERIENCE

<b>Technical Support Engineer</b> Alliance for Supply Chain Management (EdTech Platform)	<b>Feb 2024 – August 2025</b>
<ul style="list-style-type: none"><li>Responsible for the daily oversight and management of all network infrastructure, ensuring optimal performance and security.</li><li>Conduct routine maintenance, updates, and troubleshooting for company websites to ensure high availability.</li><li>Administer the payment gateway and resolving any transaction-related technical issues.</li></ul>	
<b>Industrial Trainee</b> Bangladesh Telecommunications Company Limited (BTCL), Rajshahi	<b>Mar 11, 2024 – Mar 31, 2024</b>
<ul style="list-style-type: none"><li>Developed a foundational understanding of the operational workflows across all major departments within a leading national telecommunications provider.</li><li>Acquired technical knowledge of server administration, bandwidth allocation and management, and the architecture of BTCL's wireless service delivery.</li></ul>	

## CERTIFICATES

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### Certificate of Leadership

Department of Electrical and Electronic Engineering, RUET

### Basic Programming with Python

Institute of Information and Communication Technology (IICT), RUET

## PROJECT

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

## THESIS

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### 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

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### President

May 2024 - Jun 2025

Greater Jashore Students' Association of RUET

### Founding President

Jan 2024 - Jun 2025

Innovation and Research Advancement Club

### Vice Chair (Admin)

Jan 2024 - Jun 2025

RUET CORE

## PERSONAL INFORMATION

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**Fathers Name:** Md. Bazlur Rahman

**Mothers Name:** Feroza Rahman

**Date of Birth:** 20 Feb 2002

**NID No.:** 6013006850

**Blood Group:** AB+

## REFERENCE


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### Dr. Engr. S M Abdur Razzak

Professor

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Rajshahi University of Engineering & Technology

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### Dr. Md. Rabiul Islam

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